

EARTH RESOURCES TECHNOLOGY SATELLITE



**U.S. STANDARD CATALOG
NO. U-15**

(NASA-TM-X-70110) EARTH RESOURCES
TECHNOLOGY SATELLITE: US STANDARD
CATALOG NO. U-15 (NASA) 112 p HC \$8.75;
EROS Data Center, Sioux Falls, CSCL 05B

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GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

FOREWORD

This catalog is one in a series of catalogs published by the National Aeronautics and Space Administration, Goddard Space Flight Center, to announce information available from the Earth Resources Technology Satellite (ERTS) Program. The Introduction and Descriptive Sections explain the purpose and content of this catalog. A cumulative catalog is maintained by the Users Services Laboratory of the NDPF which can also furnish names of the selected Principal Investigators who are analyzing the data acquired by the ERTS program.

Stanley Weiland
ERTS/NIMBUS Project Manager

INTRODUCTION

To provide dissemination of information regarding the availability of Earth Resources Technology Satellite (ERTS) imagery, the NASA Data Processing Facility (NDPF) publishes a U.S. and a Non-U.S. Standard Catalog on a monthly schedule. These catalogs identify imagery which has been processed and input to the data files during the preceding month. The U.S. Standard Catalog includes imagery covering the continental United States, Alaska and Hawaii. The Non-U.S. Catalog identifies all the remaining coverage. Imagery adjacent to the continental U.S. and Alaska borders will normally appear in the U.S. Standard Catalog. As a supplement to these catalogs, an inventory of ERTS imagery on 16 mm microfilm is also available.

In addition to the routine monthly catalogs, the NDPF periodically publishes a comprehensive U.S. and Non-U.S. Standard Catalog. These catalogs includes information on all observations acquired and processed by the facility since launch and are normally published in lieu of one of the monthly catalogs. The 16 mm microfilm accompanying these cumulative catalogs includes only new imagery not previously available on microfilm.

Catalogs and microfilm are available to ERTS investigators and approved individuals or agencies on a routine or special request basis. In addition, copies of the Standard Catalogs may be purchased by contacting the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20402, while microfilm copies may be ordered through the EROS Data Center, Sioux Falls, South Dakota, 57198.

Sections I and II of this introduction describe the contents and format for the Standard Catalogs and the associated microfilm. Section III provides a cross-reference table defining the beginning and ending dates for ERTS-1 Cycles.

Additional information concerning catalogs or microfilm may be obtained by writing or telephoning:

NDPF User Services
NASA/Goddard Space Flight Center
Code 563
Greenbelt, Maryland 20771
301-982-5406

SECTION I — STANDARD CATALOGS

A. MONTHLY CATALOGS

The monthly U.S. and Non-U.S. Standard Catalogs are divided into four parts. Part 1 consists of annotated maps which graphically depict the geographic areas covered by imagery listed in the current catalog. Part 2 contains a computer generated listing organized by observation identification number (ID) and includes pertinent information about each image. Part 3 provides a computer listing of observations organized by longitude/latitude. Part 4 identifies observations which have had changes made to their catalog information since their original entry in the data base.

PART 1 — Satellite Coverage Maps

A series of satellite coverage reference maps is provided at the beginning of each monthly issue of the U.S. and Non-U.S. Standard Catalogs. These maps are segregated by cycle and depict the general location of observations listed in that catalog. The format and data content of these maps is slightly different in the U.S. and Non-U.S. catalogs.

U.S. Satellite Coverage Maps

Two separate map formats are presented in this catalog. One map outlines the continental U.S. and depicts the estimated cloud cover along each north to south subsatellite path. Each path is identified by actual orbit number and a cross reference, matching orbit number to initial observation ID for that path, is included. The second map provides an enlarged view of Alaska and Hawaii and displays the portion of an orbital pass for which coverage is available. This map does not include cloud cover estimates or orbit numbers.

Non-U.S. Satellite Coverage Map

A world outline map is provided with the portions of an orbital swath for which observations are available graphically displayed. This map is intended solely to inform the user as to whether or not coverage is included in the catalog for his area of interest. It is not intended as a rapid reference to specific observations.

PART 2. - OBSERVATION IDENTIFICATION NUMBER (ID) LISTING

The data format for the Observation ID Listing is identical in the U.S. and Non-U.S. Catalogs. Observation ID numbers are listed in a sequential manner from smallest number to largest. Associated with each ID number in the list is pertinent information about that observation. A sample catalog page with a description of each data item is shown in Figure I-1 below.

FIGURE I-1

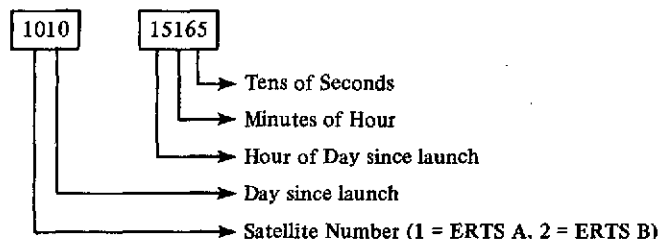
2.A. Sample Observation ID Format

① 09/30/72		STANDARD CATALOG FOR USA				② FROM 07/24/72 TO 09/23/72				
④ OBSERVATION ID	⑤ MICROFILM ROLL NO./ POSITION IN ROLL		⑥ DATE ACQUIRED	⑦ CLOUD COVER %	⑧ ORBIT NUMBER	⑨ PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	⑪ IMAGE QUALITY RBV MSS
	RBV	MSS				LAT	LONG			
1057-16373	00000/0000	10002/0589	09/18/72	70	794	2550N	9922W	53.5	126.9	GGGG
1057-18140	00000/0000	10002/0590	09/18/72	90	795	4842N	11730W	39.2	150.6	G
1057-18143	00000/0000	10002/0591	09/18/72	50	795	4716N	11806W	40.2	149.4	GGGG
1057-18145	00000/0000	10002/0592	09/18/72	30	795	4553N	11842W	41.3	148.2	GGGG
1057-18152	00000/0000	10002/0593	09/18/72	20	795	4426N	11915W	42.3	146.9	GGGG
1057-18154	00000/0000	10002/0594	09/18/72	10	795	4301N	11950W	43.3	145.7	GGGG

- ③ KEYS: CLOUD COVER %..... 0 TO 100 = % OF CLOUD COVER ** = NO DATA AVAILABLE.
 IMAGE QUALITY BLANK = BAND NOT PRESENT R = RECYCLED G = GOOD F = FAIR BUT USABLE P = POOR IMAGE
 C = CALIBRATION

2.B. Description of Data Items:

- ① Date of Catalog Listing.
- ② Time Frame during which imagery was processed.
- ③ Special Keys to Data.
- ④ Observation ID.
- ⑤ RBV and MSS microfilm roll and image position on roll. Note: RBV and MSS images for a given observation may be on two different microfilm rolls.
- ⑥ Date of observation.
- ⑦ Estimated Percent of Cloud Cover.
- ⑧ Orbit Number
- ⑨ Latitude and Longitude at observation center (Degrees and Minutes).
- ⑩ Sun elevation and azimuth at observation center.
- ⑪ Image Quality, see key.



PART 3. - LONGITUDE/LATITUDE LISTING

The data format for the longitude/latitude listing is identical in the U.S. and Non-U.S. catalogs. This listing contains the same observations as the observation ID listing but organizes them by coordinates, using image center location information for each observation. Observations in this listing will be sorted first by longitude and, within longitude, by latitude. The longitude/latitude listing is arranged in the following manner:

180 - 0 degrees East ; 90 - 0 degrees North and 0 - 90 degrees South
followed by
0 - 180 degrees West ; 90 - 0 degrees North and 0 - 90 degrees South

This listing is intended to be used as a tool for locating specific coverage, and once a specific observation has been identified, pertinent information about it can be found by referring to the ID listing.

Figure I-2 below shows a sample catalog page with a description of each data item:

FIGURE I-2

3.A. Sample Longitude/Latitude Format

1 09/30/72				COORDINATE LISTING STANDARD CATALOG FOR USA				2 FROM 07/24/72 TO 09/30/72			
3	4	5	6	3	4	5	6	3	4	5	6
PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
12000W 4606N	1022-18203	10	GGFG	12018W 4136N	1057-18161	100	PFFF	12024W 3730N	1038-18114	10	GFGG
12006W 4918N	1005-18251	20	GGGGGGG	12018W 3306N	1055-18071	10	FFFF	12030W 4454N	1022-18205	70	PGGG
12006W 3754N	1020-18112	80	FGGG	12024W 4848N	1041-18253	60	GGGG	12036W 3630N	1020-18115	0	GGGG
12012W 4548N	1004-18203	0	FF GG F	12024W 4142N	1039-18163	90	G GG	12042W 4754N	1005-18253	0	GGGFGGG
12018W 4224N	1003-18164	10	PGGG	12024W 3842N	1002-18131	20	FFFGGGG	12048W 4424N	1004-18210	100	PPPPFFF
12018W 4142N	1021-18160	50	GGGG	12024W 3734N	1056-18114	40	GGGG	12048W 4054N	1003-18170	30	GFFF

7 KEYS: CLOUD COVER % — 0 TO 100 = % OF CLOUD COVER ** = NO DATA AVAILABLE
IMAGE QUALITY — BLANK=BAND NOT PRESENT R=RECYCLED G=GOOD F=FAIR P=POOR C=CALIBRATION IMAGE

3.B. Description of Data Items:

- | | |
|--|------------------------------------|
| 1 Date of Catalog Listing | 5 Estimated Percent of Cloud Cover |
| 2 Time Frame during which imagery was processed | 6 Image Quality, see key |
| 3 Longitude and Latitude at Observation center (Degrees and Minutes) | 7 Special Keys to Data |
| 4 Observation ID (See Figure I-1, paragraph 2.B) | |

B. COMPREHENSIVE STANDARD CATALOGS

Periodically a comprehensive catalog is produced in place of the normal monthly catalog. This cumulative catalog includes information covering all observations acquired and processed by the NDPF since launch and is formatted the same as the monthly catalog with the following exceptions:

1. Satellite Coverage maps are not included.
2. The Observation ID listing format is expanded to identify observations for which color, precision or digital products have been made.

Figure I-5 gives an example of this expanded format.

FIGURE I-5

Sample Observation ID Format (Comprehensive Catalog)

Sample Observation ID Format (Comprehensive Catalog)														
STANDARD CATALOG FOR USA FROM 07/24/72 TO 09/23/72														
④	⑤		⑥	⑦	⑧	⑨		⑩		⑪	⑫			
OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE QUALITY	PRODUCTS ALREADY MADE			
	RBV	MSS				LAT	LONG			RBV 123 MSS 45678	BULK COLR	PREC	PREC	DIGTL COLR
1057-16373	00000/0000	10002/0589	09/18/72	70	794	2550N	9922W	53.5	126.9	GGGG				
1057-18140	00000/0000	10002/0590	09/18/72	90	795	4842N	11730W	39.2	150.6	G				
1057-18143	00000/0000	10002/0591	09/18/72	50	795	4716N	11806W	40.2	149.4	GGGG	M			
1057-18145	00000/0000	10002/0592	09/18/72	30	795	4553N	11842W	41.3	148.2	GGGG				
1057-18152	00000/0000	10002/0593	09/18/72	20	795	4426N	11915W	42.3	146.9	GGGG				
1057-18154	00000/0000	10002/0594	09/18/72	10	795	4301N	11950W	43.3	145.7	GGGG		M		M
1057-18161	00000/0000	10002/0595	09/18/72	10	795	4135N	12021W	44.3	144.4	GGGG				

- ③ KEYS: CLOUD COVER % 0 TO 100 = % OF CLOUD COVER ** = NO DATA AVAILABLE.
 IMAGE QUALITY BLANK = BAND NOT PRESENT R = RECYCLED G = GOOD F = FAIR BUT USABLE
 P = POOR IMAGE C = CALIBRATION
 PRODUCT TYPES ALREADY MADE R = MADE FROM RBV BANDS ONLY M = MADE FROM MSS BANDS ONLY
 B = MADE FROM BOTH RBV AND MSS

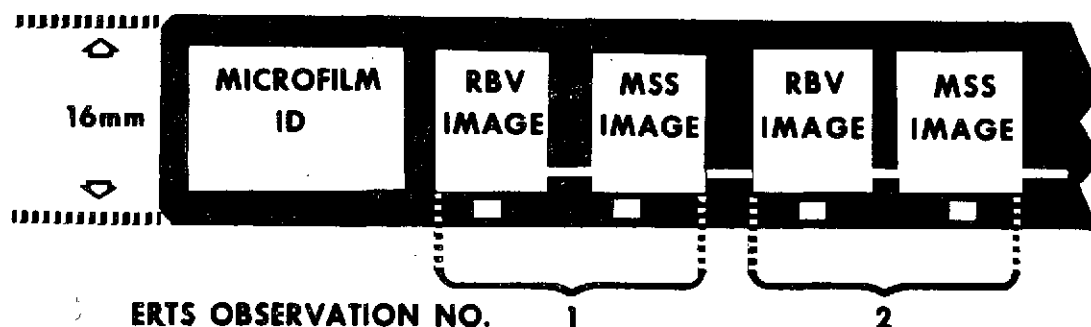
Description of Data Items:

- ① Date of Catalog Listing.
- ② Time Frame during which imagery was processed.
- ③ Special Keys to Data.
- ④ Observation ID.
- ⑤ RBV and MSS microfilm roll and image position on roll. Note: RBV and MSS images for a given observation may be on two different microfilm rolls.
- ⑥ Date of observation.
- ⑦ Estimated Percent of Cloud Cover.
- ⑧ Orbit Number.
- ⑨ Latitude and Longitude at observation center (Degrees and Minutes).
- ⑩ Sun elevation and azimuth at observation center.
- ⑪ Image Quality, see key.
- ⑫ Image/Data Product availability, see key.

Section II — Microfilm

The NASA Data Processing Facility produces a high quality 16-mm microfilm inventory of imagery processed during the preceding month and is organized for convenient use with the Standard Catalog.

As in the case of the Standard Catalog, the microfilm data is divided into U. S. and non-U.S. segments. Each set of microfilm images is in exact correspondence to a Standard Catalog and can be used in conjunction with the Catalog for selecting desired images. Approximately 2000 images will be contained on one roll of 16mm X 100ft microfilm. Because the microfilm images are intended to provide only a summary of the data available, the images are limited to one band each for the RBV and MSS. Although a single observation will produce seven images, in the production of microfilm only the RBV Spectral Band 2 images (.580 - .680 microns) and MSS Spectral Band 2 images (.6 - .7 microns) are reproduced. Each image is a photograph of a 9.5 in. system-corrected (bulk) image and contains the image identifier and annotation block. Below is an example of the microfilm format.



Microfilm roll numbers contain five digits. The first digit will always be a 1 (for U. S. rolls) or a 2 (for Non-U. S. rolls). The remaining digits are used to number sequentially all microfilm rolls prepared within each group. Example: Roll number 10001 is the first U. S. roll of microfilm produced. Roll number 20004 is the fourth Non-U. S. roll to be produced.

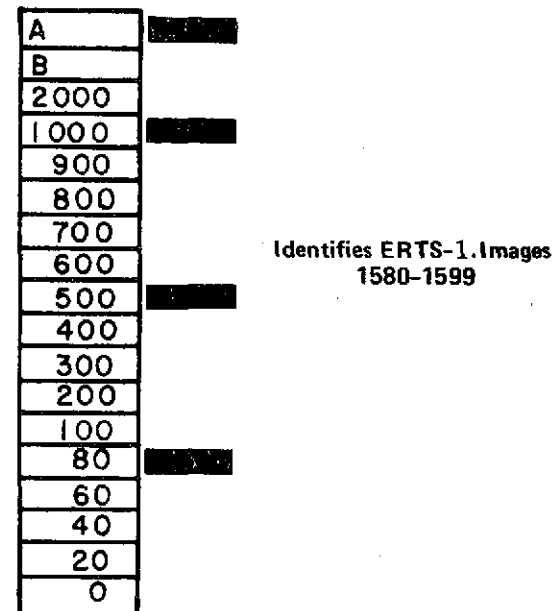
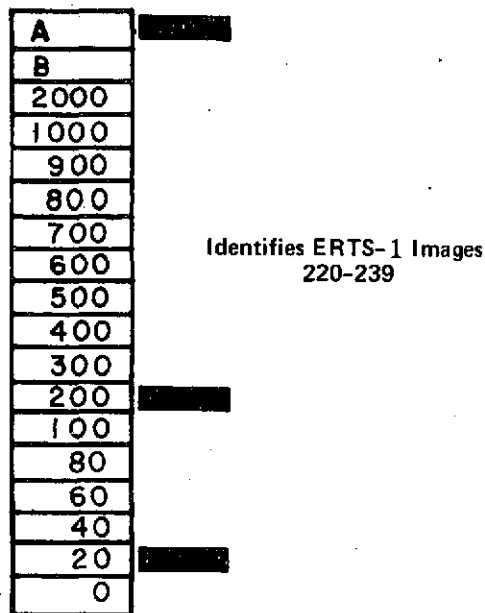
The microfilm contains two rapid search capabilities to help the user quickly reach the desired scene. They are:

- (1) Code Line Indexing
- (2) Blip Encoding

1. Code Line Indexing

The ERTS Microfilm images have been annotated with visual code lines to the right of each frame. The visual code lines graduate up the edge of the screen as the film advances and allow the user to advance rapidly to within 20 frames of his desired image. Below is an example of the ERTS microfilm code line index graduations.

Code Line Indexing Scale



To utilize this system a user must generate a code line indexing bar scale to attach to the face of his viewers. The size and spacing for the bar scale is dependent upon the magnification of his viewer. ERTS imagery is microfilmed at a reduction ratio of 24x. To determine the overall length of a scale required for your microfilm reader, multiply .406 by the enlargement factor of your lens. To determine the spacing separations along the bar scale, multiply .002 by the same factor.

2. Blip Encoding

The ERTS microfilm images have also been annotated with a blip (clear spot) at the base of each frame. This type of encoding is designed for use on readers with an electronic sensing and counting capability or an odometer. To use the blip encoding retrieval system the film will have to be placed in a cartridge. When the cartridge is placed in a reader which contains an odometer or has a keyboard attached, the identification of the desired image is obtained from the Standard Catalog (column 6, Microfilm Position) and either punched on the keyboard or read via the odometer as the film advances. Using a reader configured for rapid search and retrieval the film advances and the frames (blips) are counted by means of a photosensing light. When the appropriate number has been counted the reader stops and the desired image is projected on the screen. Using a reader with an odometer requires the user to monitor the odometer as the film advances and stop the advance of the film in the vicinity of the required frame.

SECTION III — ERTS-1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 8 days	1	8	24 Jul 72	31 Jul 72	21	369	386	27 Jul 73	13 Aug 73
1	9	26	1 Aug 72	18 Aug 72	22	387	404	14 Aug 73	31 Aug 73
2	27	44	19 Aug 72	5 Sep 72	23	405	422	1 Sep 73	18 Sep 73
3	45	62	6 Sep 72	23 Sep 72	24	423	440	19 Sep 73	6 Oct 73
4	63	80	24 Sep 72	11 Oct 72	25	441	458	7 Oct 73	24 Oct 73
5	81	98	12 Oct 72	29 Oct 72	26	459	476	25 Oct 73	11 Nov 73
6	99	116	30 Oct 72	16 Nov 72	27	477	494	12 Nov 73	29 Nov 73
7	117	134	17 Nov 72	4 Dec 72	28	495	512	30 Nov 73	17 Dec 73
8	135	152	5 Dec 72	22 Dec 72	29	513	530	18 Dec 73	4 Jan 74
9	153	170	23 Dec 72	9 Jan 73	30	531	548	5 Jan 74	22 Jan 74
10	171	188	10 Jan 73	27 Jan 73	31	549	566	23 Jan 74	9 Feb 74
11	189	206	28 Jan 73	14 Feb 73	32	567	584	10 Feb 74	27 Feb 74
12	207	224	15 Feb 73	4 Mar 73	33	585	602	28 Feb 74	17 Mar 74
13	225	242	5 Mar 73	22 Mar 73	34	603	620	18 Mar 74	4 Apr 74
14	243	260	23 Mar 73	9 Apr 73	35	621	638	5 Apr 74	22 Apr 74
15	261	278	10 Apr 73	27 Apr 73	36	639	656	23 Apr 74	11 May 74
16	279	296	28 Apr 73	15 May 73	37	657	674	12 May 74	28 May 74
17	297	314	16 May 73	2 Jun 73	38	675	692	29 May 74	15 Jun 74
18	315	332	3 Jun 73	20 Jun 73	39	693	710	16 Jun 74	3 Jul 74
19	333	350	21 Jun 73	8 Jul 73	40	711	728	4 Jul 74	21 Jul 74
20	351	368	9 Jul 73	26 Jul 73					

-/-

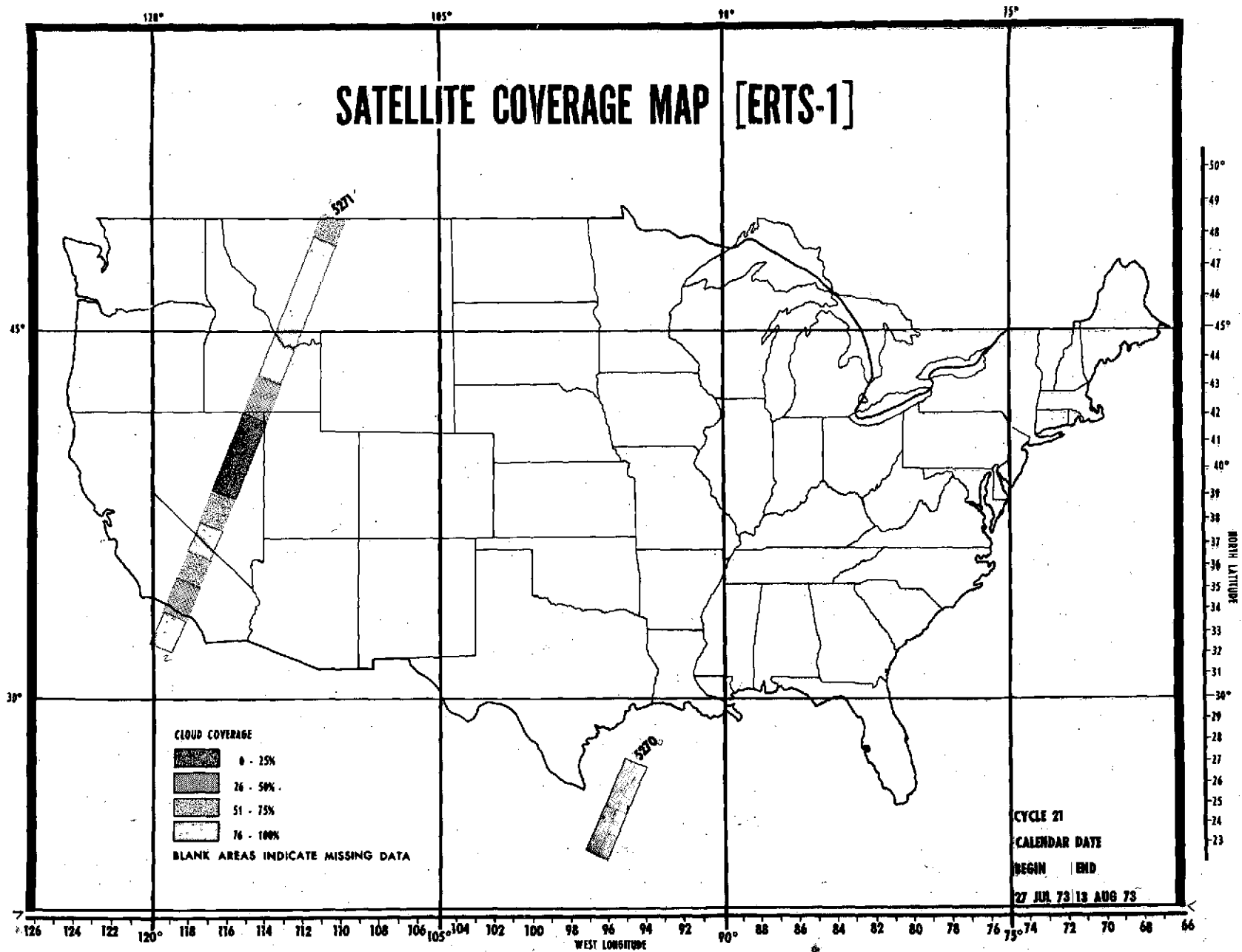
SATELLITE COVERAGE MAPS

USA SATELLITE COVERAGE MAP REFERENCE DATA

CYCLE 21

<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>	<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>
5270	1378-16201	*	5271	1378-17564	*

SATELLITE COVERAGE MAP [ERTS-1]



USA SATELLITE COVERAGE MAP REFERENCE DATA

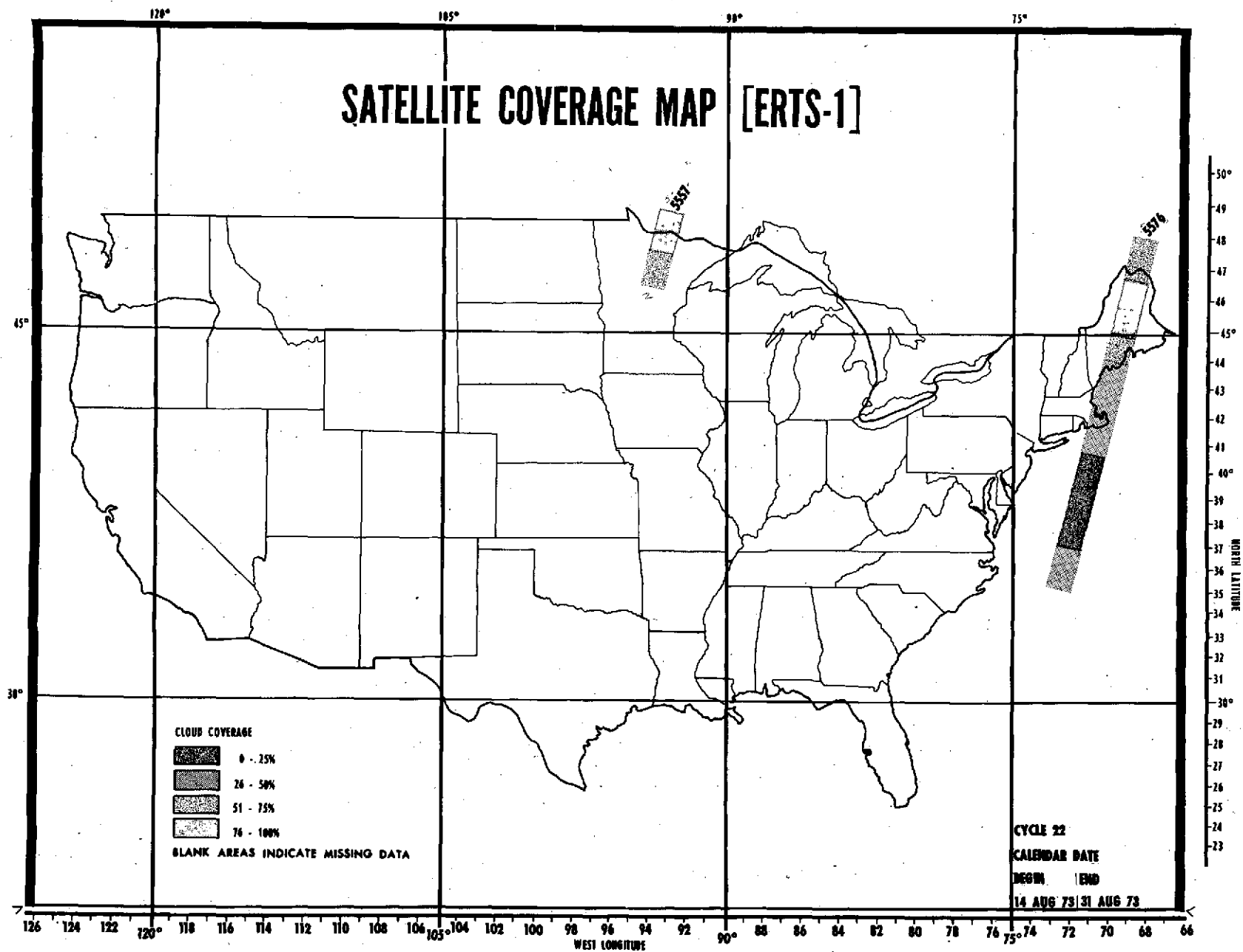
CYCLE 22.

<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>	<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>
5576	1400-14531	*	5557	1400-16361	*

*

-4-

-5-

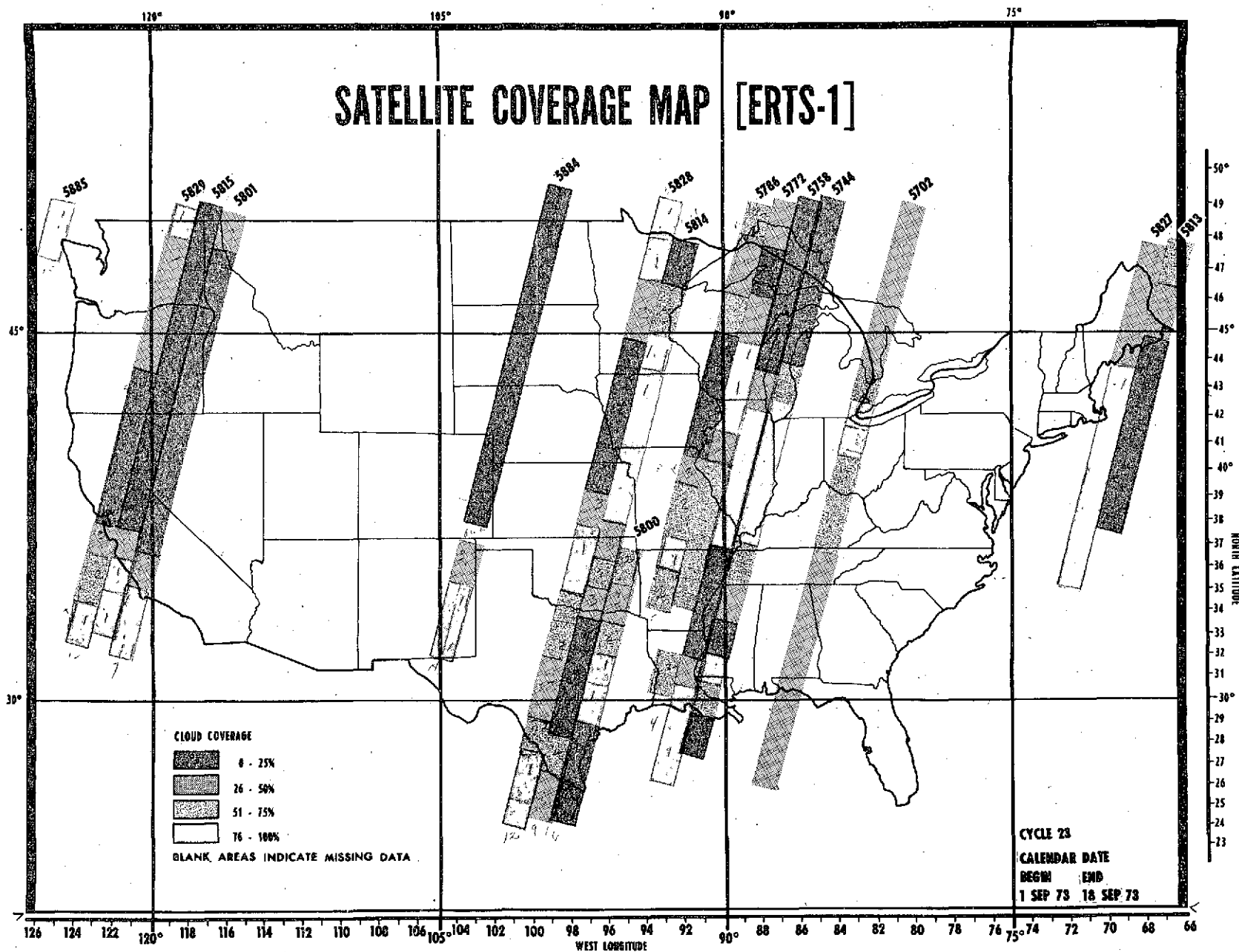


USA SATELLITE COVERAGE MAP REFERENCE DATA

CYCLE 23

<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>	<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>
5702	1409-15442	*	5814	1417-16303	*
5744	1412-16013	*	5815	1417-18132	*
5758	1413-16071	*	5827	1418-14525	*
5772	1414-16125	*	5828	1418-16354	*
5786	1415-16184	*	5829	1418-18190	*
5800	1416-16280	*	5884	1422-16583	*
5801	1416-18073	*	5885	1422-18415	*
5813	1417-14471	*			*

SATELLITE COVERAGE MAP [ERTS-1]

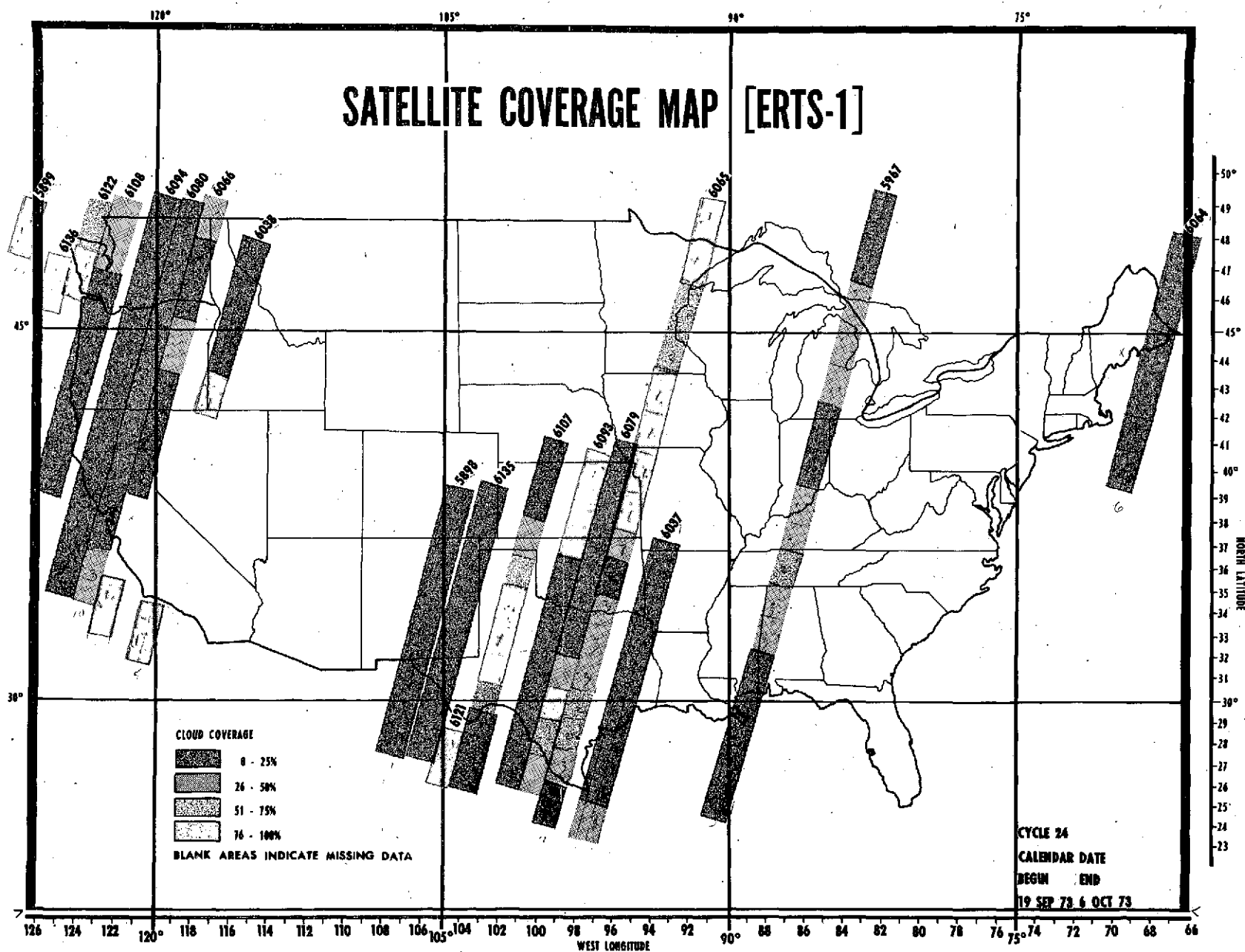


USA SATELLITE COVERAGE MAP REFERENCE DATA

CYCLE 24

<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>	<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>
5898	1423-17071	*	6080	1436-18183	*
5899	1423-18473	*	6093	1437-16433	*
5967	1428-15493	*	6094	1437-18242	*
6037	1433-16215	*	6107	1438-16491	*
6038	1433-18015	*	6108	1438-18300	*
6064	1435-14464	*	6121	1439-16584	*
6065	1435-16293	*	6122	1439-18354	*
6066	1435-18125	*	6135	1440-17010	*
6079	1436-16390	*	6136	1440-18421	*

SATELLITE COVERAGE MAP [ERTS-1]



USA SATELLITE COVERAGE MAP REFERENCE DATA

CYCLE 25

<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>	<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>
6149	1441-17074	*	6302	1452-16232	*
6150	1441-18471	*	6303	1452-18064	*
6163	1442-17150	*	6315	1453-14461	*
6176	1443-15320	*	6316	1453-16290	*
6177	1443-17163	*	6317	1453-18122	*
6191	1444-17210	*	6329	1454-14515	*
6205	1445-17264	*	6330	1454-16344	*
6219	1446-17322	*	6331	1454-18180	*
6232	1447-15545	*	6343	1455-14580	*
6233	1447-17380	*	6344	1455-16403	*
6246	1448-16003	*	6345	1455-18234	*
6247	1448-17435	*	6357	1456-15032	*
6260	1449-16061	*	6358	1456-16461	*
6261	1449-17493	*	6359	1456-18302	*
6274	1450-16115	*	6371	1457-15090	*
6275	1450-17551	*	6372	1457-16513	*
6287	1451-14345	*	6373	1457-18351	*
6288	1451-16174	*	6385	1458-15144	*
6289	1451-18004	*	6386	1458-16582	*
6301	1452-16232	*	6387	1458-18405	*

SATELLITE COVERAGE MAP [ERTS-1]

CLOUD COVERAGE

- 0 - 25%
- 26 - 50%
- 51 - 75%
- 76 - 100%

BLANK AREAS INDICATE MISSING DATA

CYCLE 25
CALENDAR DATE
BEGIN **END**
7 OCT 73 **24 OCT 73**

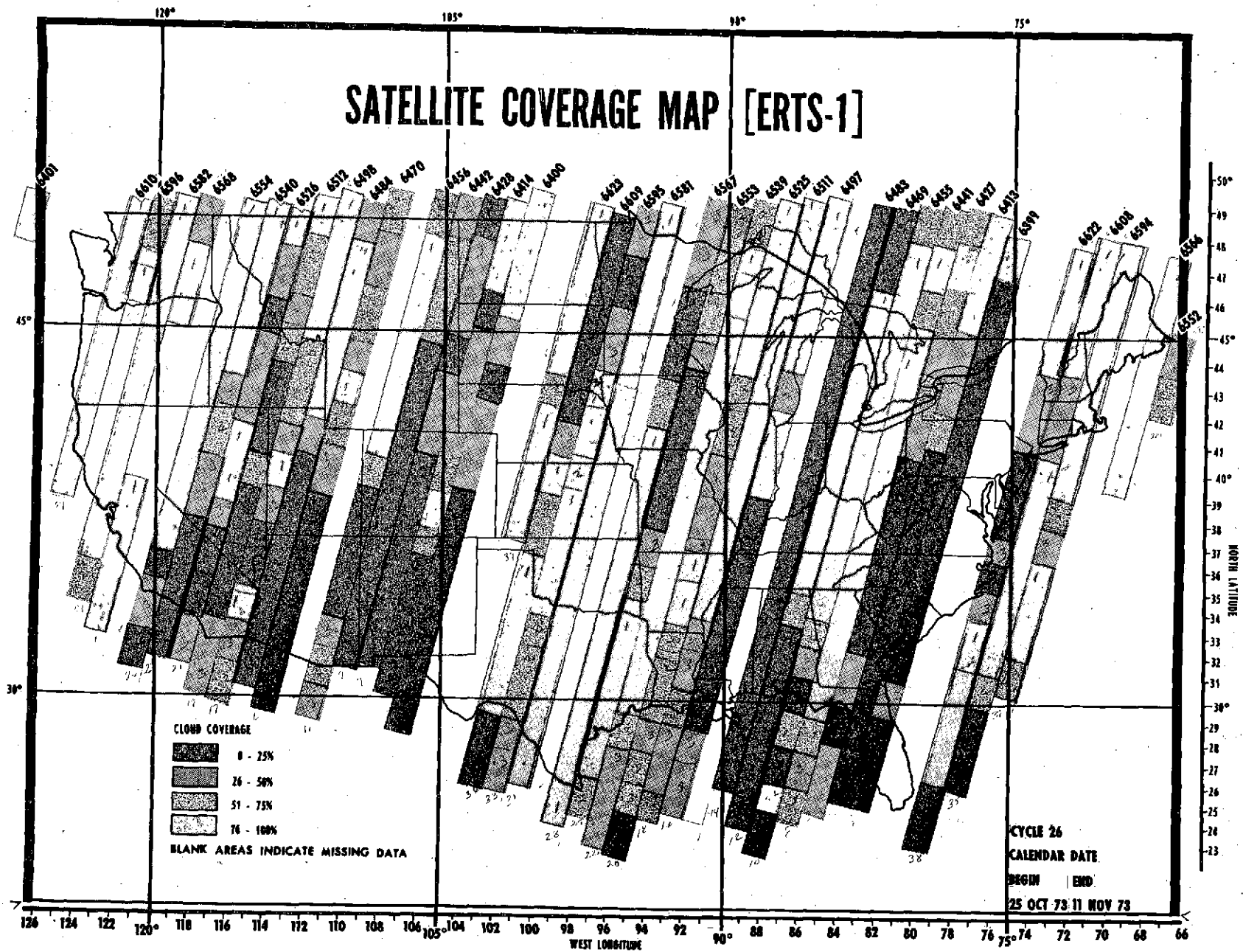
CYCLE 25	
CALENDAR DATE	
BEGIN	END
7 OCT 73	24 OCT 73

USA SATELLITE COVERAGE MAP REFERENCE DATA

CYCLE 26

<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>	<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>
6399	1459-15203	*	6525	1468-16114	*
6400	1459-17032	*	6526	1468-17550	*
6401	1459-18463	*	6539	1469-16172	*
6413	1460-15255	*	6540	1469-18004	*
6414	1460-17090	*	6552	1470-14402	*
6427	1461-15313	*	6553	1470-16231	*
6428	1461-17145	*	6554	1470-18062	*
6441	1462-15371	*	6567	1471-16285	*
6442	1462-17203	*	6568	1471-18121	*
6455	1463-15430	*	6581	1472-16344	*
6456	1463-17262	*	6582	1472-18175	*
6469	1464-15484	*	6594	1473-14573	*
6470	1464-17320	*	6595	1473-16402	*
6483	1465-15543	*	6596	1473-18234	*
6484	1465-17374	*	6608	1474-15031	*
6497	1466-16001	*	6609	1474-16460	*
6498	1466-17433	*	6610	1474-18292	*
6511	1467-16060	*	6622	1475-15090	*
6512	1467-17491	*	6623	1475-16515	*

SATELLITE COVERAGE MAP [ERTS-1]



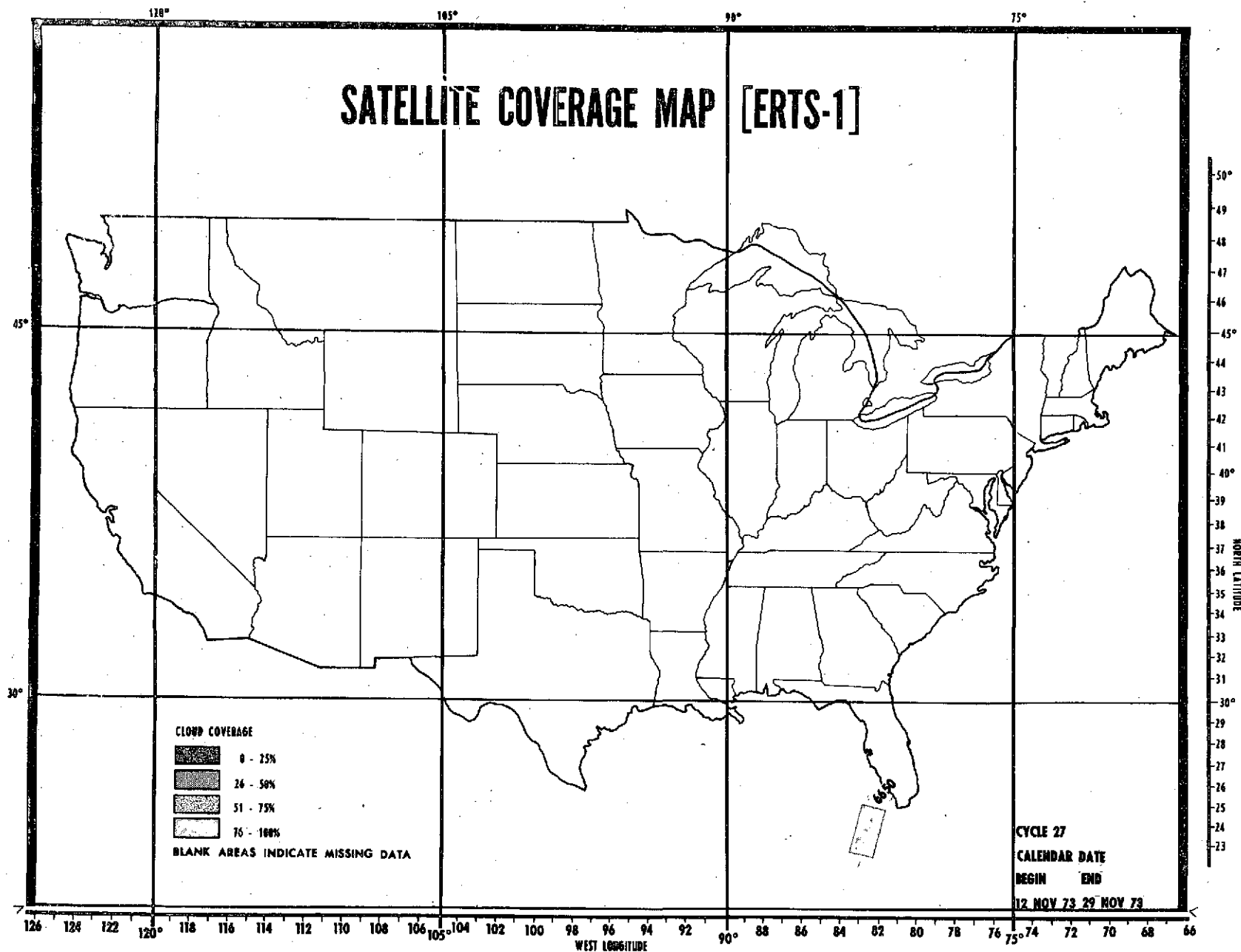
USA SATELLITE COVERAGE MAP REFERENCE DATA

CYCLE 27

<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>	<u>ORBIT NUMBER</u>	<u>FIRST OBSERVATION</u>	<u>*</u>
6650	1477-15271	*			

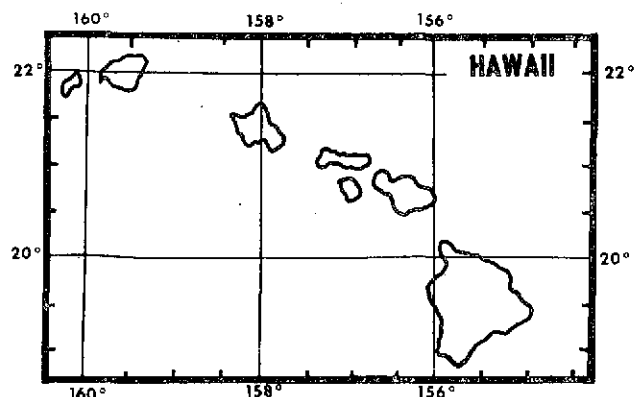
-71-

SATELLITE COVERAGE MAP [ERTS-1]



-15-

ERTS-1 COVERAGE OF ALASKA & HAWAII

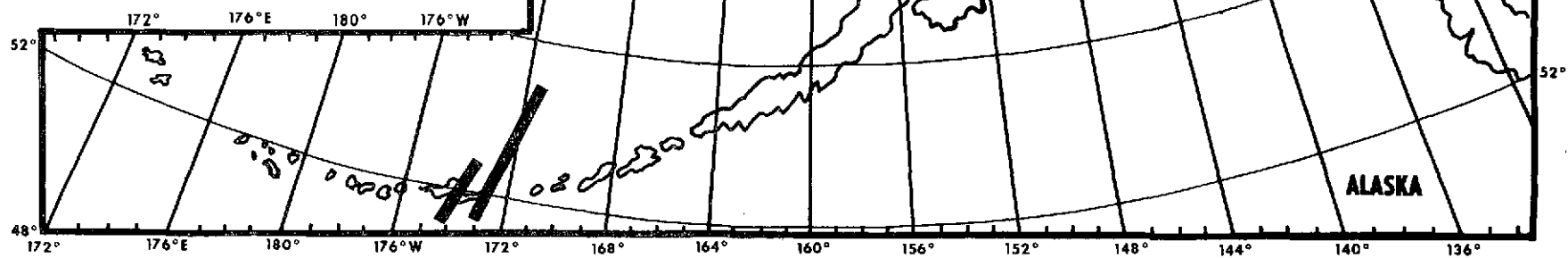


CYCLE 23

CALENDAR DATE

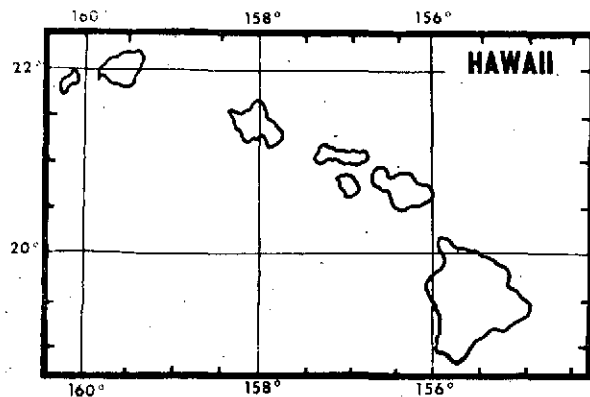
BEGIN END

1 SEP 73 18 SEP 73



-9/-

ERTS-1 COVERAGE OF ALASKA & HAWAII

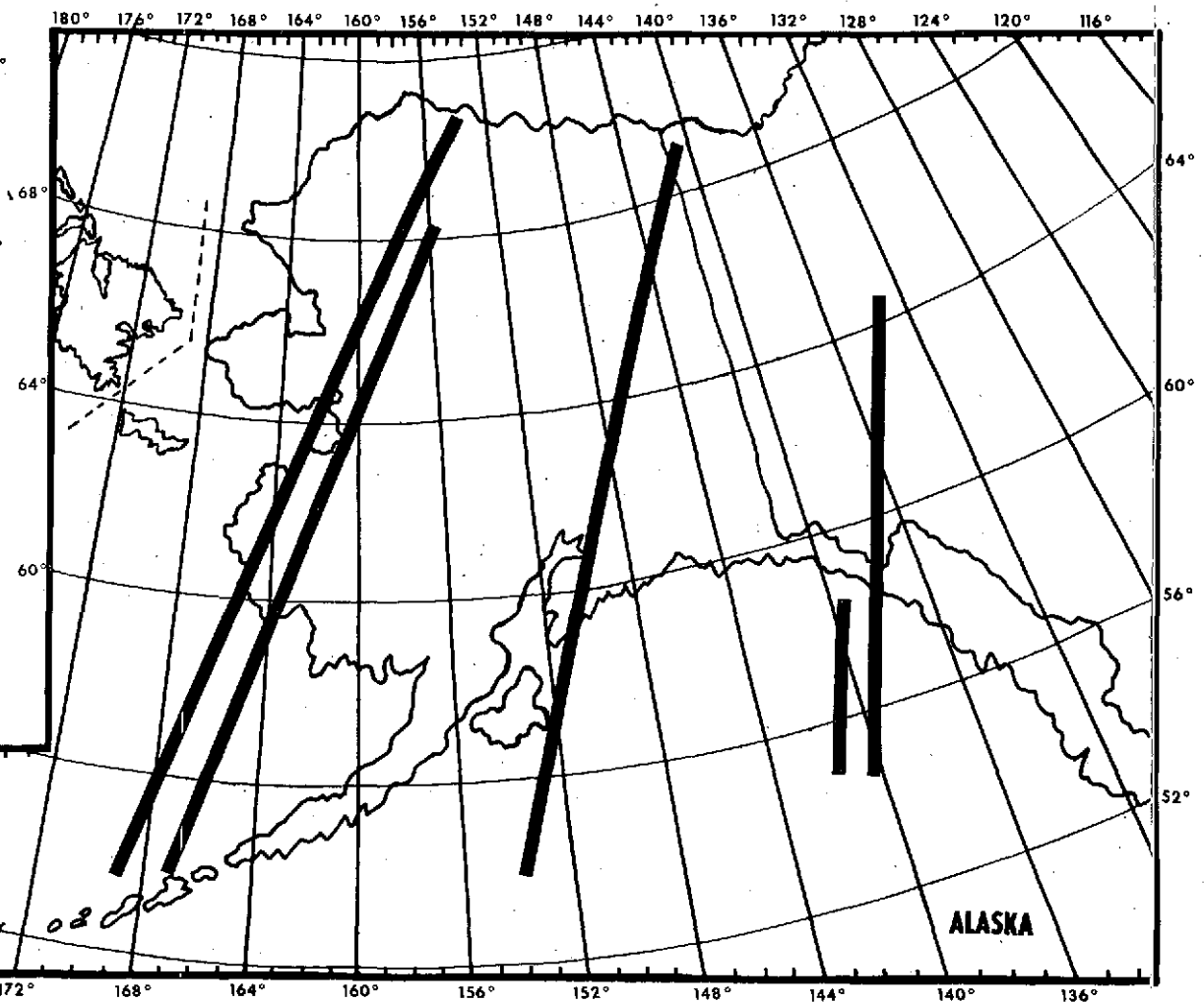


CYCLE 24

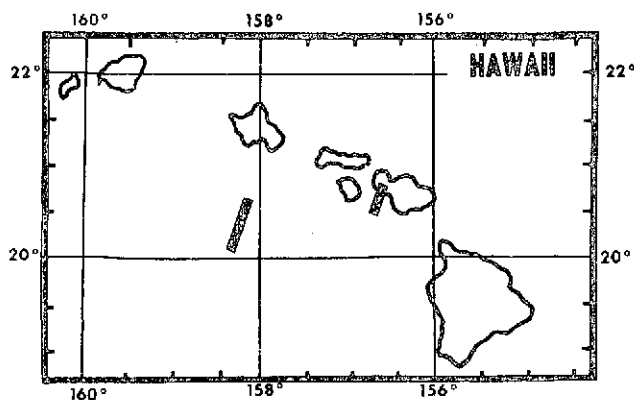
CALENDAR DATE

BEGIN END

19 SEP 73 6 OCT 73



ERTS-1 COVERAGE OF ALASKA & HAWAII

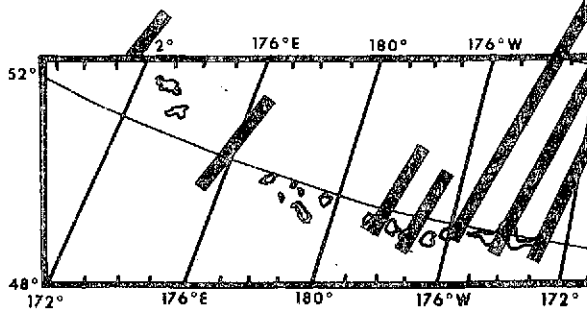
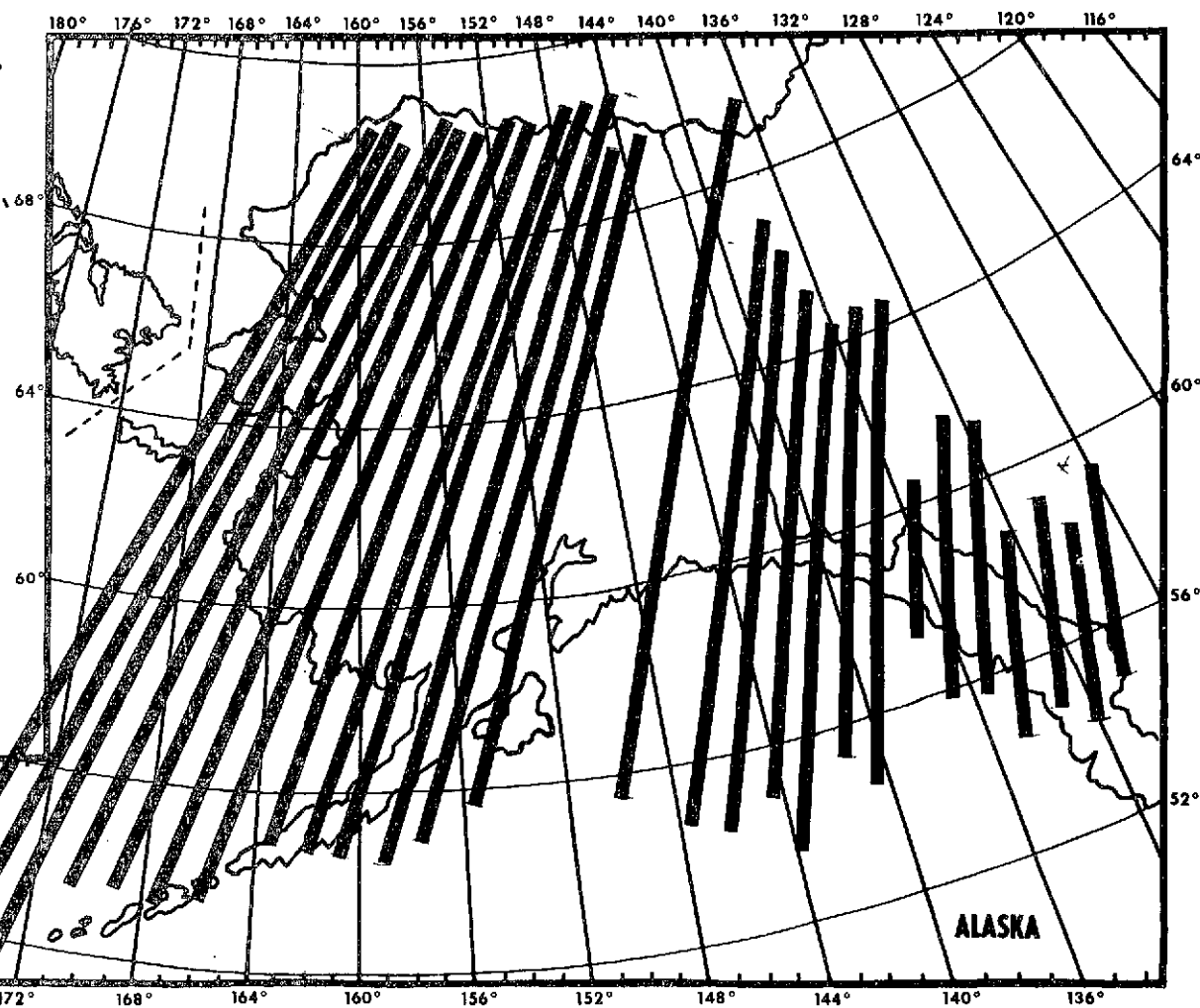


CYCLE 25

CALENDAR DATE

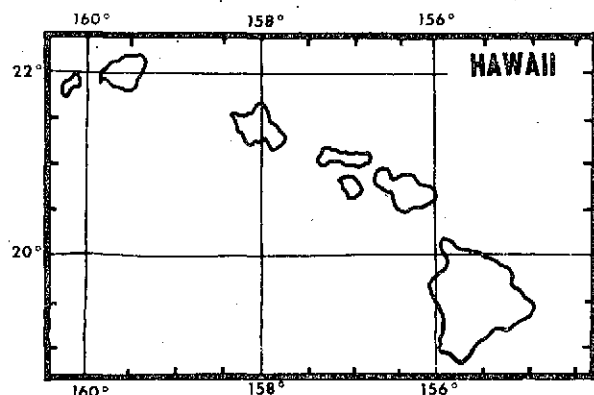
BEGIN END

7 OCT 73 24 OCT 73



-81-

ERTS-1 COVERAGE OF ALASKA & HAWAII

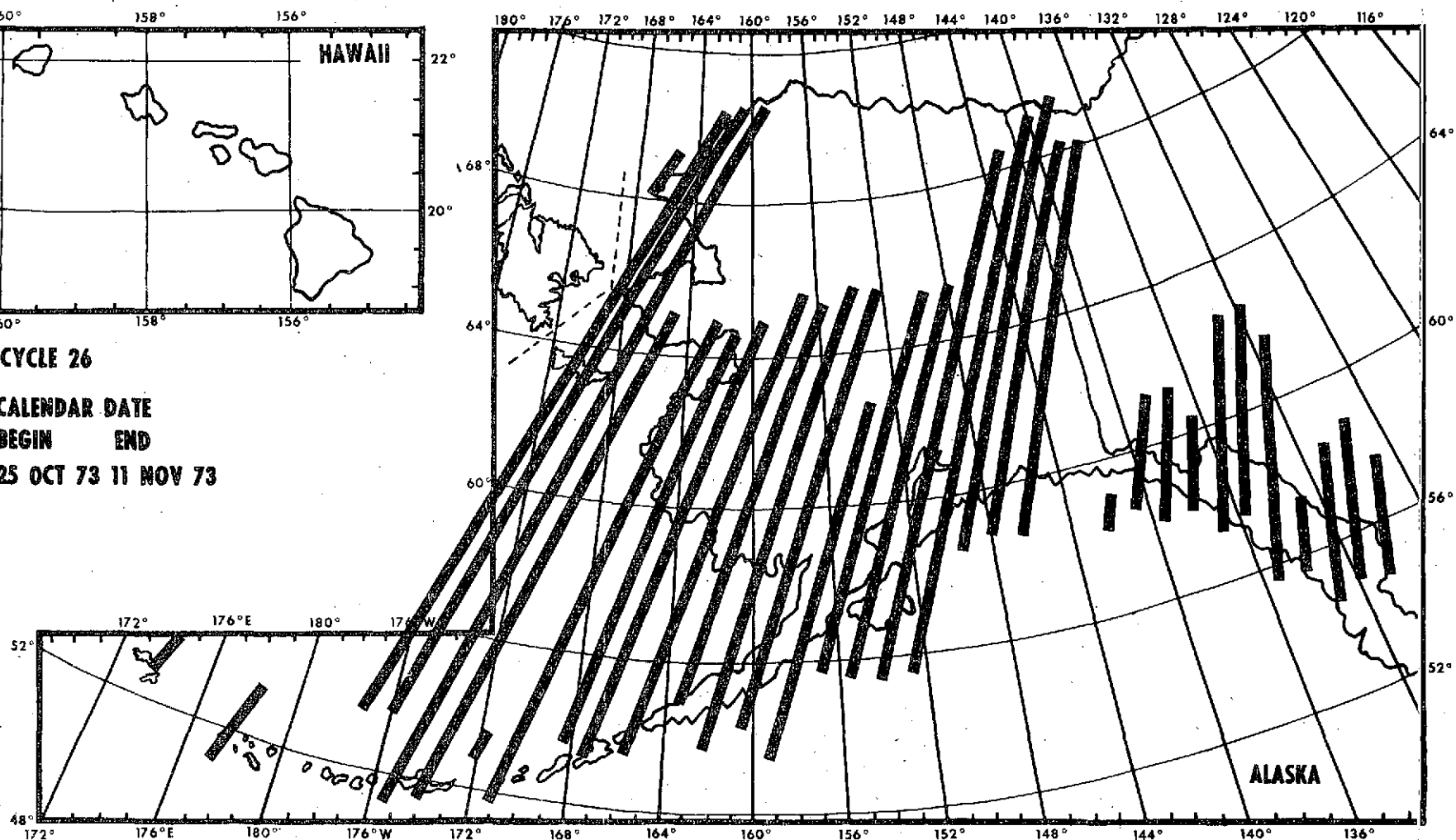


CYCLE 26

CALENDAR DATE

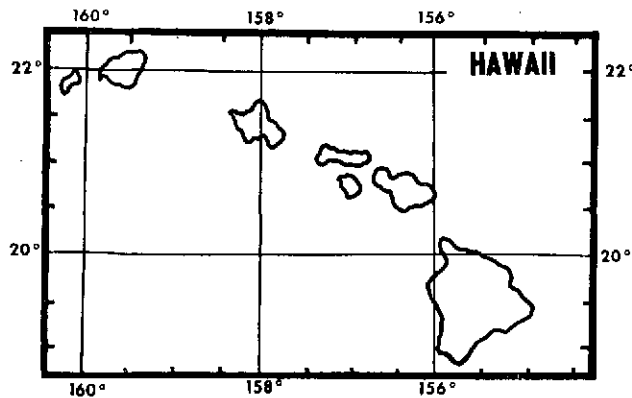
BEGIN END

25 OCT 73 11 NOV 73



-6/-

ERTS-1 COVERAGE OF ALASKA & HAWAII

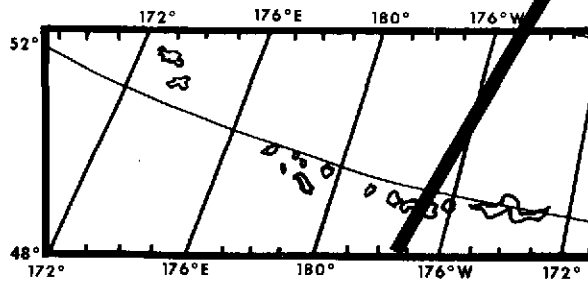
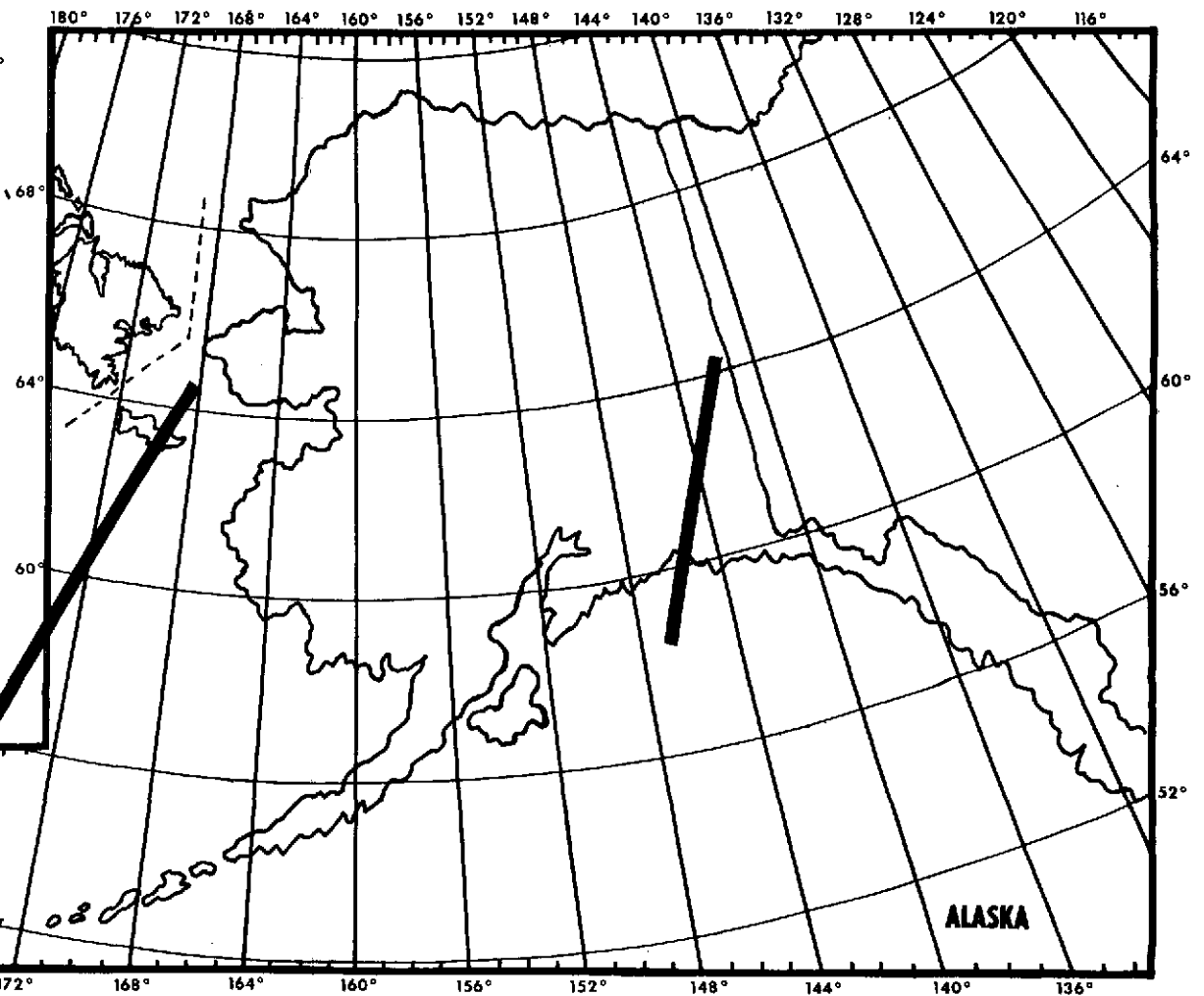


CYCLE 27

CALENDAR DATE

BEGIN END

12 NOV 73 29 NOV 73



-20-

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0001

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	
								123	45678	
1378-16201	00000/0000	10016/0001	08/05/73	80	5270	2601N	09512W	59.4	100.9	GGPG
1378-16203	00000/0000	10016/0002	08/05/73	80	5270	2435N	09535W	59.3	98.3	GGPP
1378-17564	00000/0000	10016/0003	08/05/73	60	5271	4849N	11327W	51.9	138.0	GPPP
1378-17571	00000/0000	10016/0004	08/05/73	90	5271	4725N	11404W	52.7	136.1	PGPG
1378-17573	00000/0000	10016/0005	08/05/73	100	5271	4559N	11439W	53.5	134.1	GGPG
1378-17580	00000/0000	10016/0006	08/05/73	80	5271	4434N	11512W	54.2	132.0	GGPG
1378-17582	00000/0000	10016/0007	08/05/73	30	5271	4310N	11544W	54.9	129.9	GPPG
1378-17585	00000/0000	10016/0008	08/05/73	0	5271	4146N	11615W	55.6	127.8	GPPG
1378-17591	00000/0000	10016/0009	08/05/73	10	5271	4019N	11645W	56.2	125.6	PGPG
1378-17594	00000/0000	10016/0010	08/05/73	60	5271	3854N	11714W	56.7	123.3	GGPG
1378-18000	00000/0000	10016/0011	08/05/73	90	5271	3728N	11742W	57.2	121.0	GGPG
1378-18003	00000/0000	10016/0012	08/05/73	60	5271	3601N	11809W	57.7	118.6	GPPG
1378-18005	00000/0000	10016/0013	08/05/73	50	5271	3436N	11836W	58.1	116.2	GPPG
1378-18012	00000/0000	10016/0014	08/05/73	100	5271	3310N	11902W	58.5	113.7	PGPG
1400-14531	00000/0000	10016/0093	08/27/73	60	5576	4723N	06807W	47.1	142.4	GGG
1400-14534	00000/0000	10016/0094	08/27/73	90	5576	4559N	06841W	48.0	140.8	GGG
1400-14540	00000/0000	10016/0095	08/27/73	70	5576	4434N	06915W	48.8	139.1	GGG
1400-14543	00000/0000	10016/0096	08/27/73	50	5576	4309N	06947W	49.7	137.5	GGP
1400-14545	00000/0000	10016/0097	08/27/73	40	5576	4144N	07018W	50.5	135.7	PGGG
1400-14552	00000/0000	10016/0098	08/27/73	10	5576	4018N	07048W	51.3	134.0	PGGG
1400-14554	00000/0000	10016/0099	08/27/73	0	5576	3853N	07116W	52.0	132.2	GGGG
1400-14561	00000/0000	10016/0100	08/27/73	10	5576	3728N	07144W	52.8	130.3	GGGG
1400-14563	00000/0000	10016/0101	08/27/73	30	5576	3602N	07212W	53.5	128.4	GGGG
1400-16341	00000/0000	10016/0102	08/27/73	80	5557	4848N	09319W	46.1	143.9	GGG
1400-16343	00000/0000	10016/0103	08/27/73	60	5557	4723N	09356W	47.0	142.4	GGG
1409-15442	00000/0000	10016/0038	09/05/73	40	5702	4852N	08024W	43.3	146.6	PGG
1409-15444	00000/0000	10016/0039	09/05/73	40	5702	4727N	08101W	44.3	145.2	PGGG
1409-15451	00000/0000	10016/0040	09/05/73	30	5702	4602N	08136W	45.3	143.7	PPPG
1409-15453	00000/0000	10016/0041	09/05/73	30	5702	4436N	08209W	46.2	142.3	PGGG
1409-15460	00000/0000	10016/0042	09/05/73	70	5702	4311N	08242W	47.1	140.8	PGGG
1409-15462	00000/0000	10016/0043	09/05/73	80	5702	4146N	08313W	48.0	139.2	PGGG
1409-15465	00000/0000	10016/0044	09/05/73	60	5702	4021N	08343W	48.9	137.6	PGGG
1409-15471	00000/0000	10016/0045	09/05/73	60	5702	3856N	08412W	49.7	136.0	PGGG
1409-15474	00000/0000	10016/0046	09/05/73	60	5702	3730N	08440W	50.5	134.3	PGGG
1409-15480	00000/0000	10016/0047	09/05/73	50	5702	3604N	08507W	51.3	132.6	GGGG
1409-15483	00000/0000	10016/0048	09/05/73	50	5702	3437N	08533W	52.0	130.8	GGGG
1409-15485	00000/0000	10016/0049	09/05/73	40	5702	3311N	08559W	52.7	129.0	GGGG
1409-15492	00000/0000	10016/0050	09/05/73	50	5702	3146N	08624W	53.4	127.1	GGGG
1409-15494	00000/0000	10016/0051	09/05/73	40	5702	3019N	08649W	54.0	125.1	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1409-15501	00000/0000	10016/0052	09/05/73	40	5702	2854N 08714W	54.6	123.1		GGGG
1409-15503	00000/0000	10016/0053	09/05/73	60	5702	2728N 08738W	55.2	121.0		GGGG
1412-16013	00000/0000	10016/0054	09/08/73	10	5744	4851N 08439W	42.4	147.4		PPPP
1412-16015	00000/0000	10016/0055	09/08/73	20	5744	4727N 08516W	43.4	146.1		GPGG
1412-16022	00000/0000	10016/0056	09/08/73	20	5744	4603N 08551W	44.3	144.7		GGGG
1412-16024	00000/0000	10016/0057	09/08/73	60	5744	4438N 08625W	45.3	143.3		GGGG
1412-16031	00000/0000	10016/0058	09/08/73	90	5744	4312N 08657W	46.2	141.8		GPGG
1412-16033	00000/0000	10016/0059	09/08/73	90	5744	4146N 08728W	47.1	140.3		GGGG
1412-16040	00000/0000	10016/0060	09/08/73	90	5744	4021N 08758W	48.0	138.8		GGGG
1412-16042	00000/0000	10016/0061	09/08/73	90	5744	3855N 08827W	48.9	137.2		GGGG
1412-16045	00000/0000	10016/0062	09/08/73	90	5744	3728N 08855W	49.7	135.6		GGGG
1412-16051	00000/0000	10016/0063	09/08/73	70	5744	3602N 08922W	50.5	134.0		GGGG
1412-16054	00000/0000	10016/0064	09/08/73	40	5744	3438N 08949W	51.3	132.2		GGGG
1412-16060	00000/0000	10016/0065	09/08/73	20	5744	3312N 09015W	52.0	130.5		GGGG
1412-16063	00000/0000	10016/0066	09/08/73	80	5744	3146N 09041W	52.7	128.6		GGGG
1412-16065	00000/0000	10016/0067	09/08/73	70	5744	3021N 09106W	53.4	126.7		GGGG
1412-16072	00000/0000	10016/0068	09/08/73	20	5744	2854N 09130W	54.0	124.8		GGGG
1413-16071	00000/0000	10016/0077	09/09/73	0	5758	4851N 08604W	42.0	147.7		GG G
1413-16073	00000/0000	10016/0078	09/09/73	0	5758	4726N 08641W	43.0	146.4		GG P
1413-16080	00000/0000	10016/0079	09/09/73	0	5758	4601N 08716W	44.0	145.0		PG G
1413-16082	00000/0000	10016/0080	09/09/73	20	5758	4435N 08750W	45.0	143.6		GPGP
1413-16085	00000/0000	10016/0081	09/09/73	50	5758	4310N 08822W	45.9	142.2		GG G
1413-16091	00000/0000	10016/0082	09/09/73	100	5758	4146N 08853W	46.8	140.7		GG G
1413-16094	00000/0000	10016/0083	09/09/73	100	5758	4021N 08923W	47.7	139.2		GG P
1413-16100	00000/0000	10016/0084	09/09/73	100	5758	3856N 08953W	48.6	137.7		GGGG
1413-16103	00000/0000	10016/0085	09/09/73	90	5758	3730N 09022W	49.5	136.1		GGGG
1413-16105	00000/0000	10016/0086	09/09/73	20	5758	3603N 09049W	50.3	134.4		GGGG
1413-16112	00000/0000	10016/0087	09/09/73	0	5758	3436N 09115W	51.1	132.7		GGGG
1413-16114	00000/0000	10016/0088	09/09/73	10	5758	3310N 09140W	51.8	131.0		GGGG
1413-16121	00000/0000	10016/0089	09/09/73	30	5758	3144N 09206W	52.5	129.2		GPGG
1413-16123	00000/0000	10016/0090	09/09/73	90	5758	3018N 09231W	53.2	127.3		GGGG
1413-16130	00000/0000	10016/0091	09/09/73	80	5758	2852N 09255W	53.8	125.4		GGGG
1413-16132	00000/0000	10016/0092	09/09/73	100	5758	2727N 09319W	54.4	123.4		GGGG
1414-16125	00000/0000	10016/0107	09/10/73	40	5772	4842N 08735W	41.8	147.9		GGGG
1414-16132	00000/0000	10016/0108	09/10/73	20	5772	4717N 08812W	42.8	146.5		PPPP
1414-16134	00000/0000	10016/0109	09/10/73	40	5772	4551N 08846W	43.8	145.2		GPGG
1414-16141	00000/0000	10016/0104	09/10/73	90	5772	4426N 08919W	44.8	143.8		G GG
1414-16143	00000/0000	10016/0105	09/10/73	80	5772	4300N 08951W	45.7	142.4		G GG
1414-16150	00000/0000	10016/0110	09/10/73	50	5772	4134N 09022W	46.7	140.9		P G

KEYS: CLOUD COVER % 0 TO 100 . % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0003

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1414-16152	00000/0000	10016/0111	09/10/73	60	5772	4009N	09052W	47.6	139.4	P P
1414-16155	00000/0000	10016/0114	09/10/73	60	5772	3844N	09122W	48.4	137.9	G
1414-16161	00000/0000	10016/0112	09/10/73	70	5772	3718N	09150W	49.3	136.3	PPPP
1414-16164	00000/0000	10016/0113	09/10/73	60	5772	3552N	09217W	50.1	134.7	GGGG
1414-16175	00000/0000	10016/0106	09/10/73	60	5772	3135N	09336W	52.4	129.4	G
1415-14354	00000/0000	10016/0118	09/11/73	90	5785	4723N	06345W	42.5	146.9	GGGG
1415-16184	00000/0000	10016/0119	09/11/73	60	5786	4848N	08901W	41.4	148.3	GGGG
1415-16190	00000/0000	10016/0120	09/11/73	30	5786	4723N	08938W	42.4	146.9	GGGG
1415-16193	00000/0000	10016/0121	09/11/73	60	5786	4658N	09013W	43.4	145.6	GGGG
1415-16195	00000/0000	10016/0122	09/11/73	10	5786	4432N	09046W	44.4	144.2	GGGG
1415-16202	00000/0000	10016/0123	09/11/73	0	5786	4307N	09118W	45.4	142.8	GGGG
1415-16204	00000/0000	10016/0124	09/11/73	10	5786	4141N	09149W	46.3	141.4	GGGG
1415-16211	00000/0000	10016/0125	09/11/73	50	5786	4015N	09218W	47.2	139.9	GGGG
1415-16213	00000/0000	10016/0126	09/11/73	70	5786	3850N	09247W	48.1	138.4	GGGG
1415-16220	00000/0000	10016/0127	09/11/73	80	5786	3724N	09315W	48.9	136.9	GGGG
1415-16222	00000/0000	10016/0128	09/11/73	70	5786	3559N	09342W	49.8	135.2	GGGG
1416-16280	00000/0000	10016/0145	09/12/73	60	5800	3559N	09508W	49.5	135.7	PPPP
1416-16283	00000/0000	10016/0146	09/12/73	30	5800	3433N	09534W	50.3	134.1	PPPP
1416-16285	00000/0000	10016/0147	09/12/73	70	5800	3307N	09600W	51.1	132.4	PPPP
1416-16292	00000/0000	10016/0148	09/12/73	90	5800	3143N	09626W	51.8	130.6	GGGG
1416-16294	00000/0000	10016/0149	09/12/73	90	5800	3016N	09651W	52.6	128.8	GGGG
1416-16301	00000/0000	10016/0150	09/12/73	20	5800	2850N	09715W	53.2	127.0	GGGG
1416-16303	00000/0000	10016/0151	09/12/73	10	5800	2724N	09739W	53.9	125.0	GGGG
1416-16310	00000/0000	10016/0152	09/12/73	10	5800	2558N	09803W	54.5	123.1	GGGG
1416-18073	00000/0000	10016/0153	09/12/73	30	5801	4848N	11615W	41.1	148.6	PPPG
1416-18080	00000/0000	10016/0154	09/12/73	10	5801	4723N	11652W	42.1	147.3	GGGG
1416-18082	00000/0000	10016/0155	09/12/73	0	5801	4559N	11727W	43.1	145.9	GGGG
1416-18085	00000/0000	10016/0156	09/12/73	0	5801	4433N	11801W	44.1	144.6	GGGG
1416-18091	00000/0000	10016/0157	09/12/73	0	5801	4308N	11833W	45.0	143.2	PPPG
1416-18094	00000/0000	10016/0158	09/12/73	10	5801	4143N	11904W	46.0	141.8	PPPP
1416-18100	00000/0000	10016/0159	09/12/73	10	5801	4017N	11934W	46.9	140.3	PPPG
1416-18103	00000/0000	10016/0160	09/12/73	0	5801	3852N	12003W	47.8	138.8	PPPG
1416-18105	00000/0000	10016/0161	09/12/73	0	5801	3726N	12032W	48.6	137.3	PPPG
1416-18112	00000/0000	10016/0162	09/12/73	30	5801	3600N	12059W	49.5	135.7	GGGG
1416-18114	00000/0000	10016/0163	09/12/73	90	5801	3434N	12125W	50.3	134.1	GGGG
1416-18121	00000/0000	10016/0164	09/12/73	100	5801	3308N	12151W	51.1	132.4	GGGG
1417-14471	00000/0000	10016/0070	09/13/73	70	5813	4724N	06635W	41.8	147.5	GGGG
1417-14474	00000/0000	10016/0071	09/13/73	40	5813	4559N	06711W	42.8	146.2	GGGG
1417-14480	00000/0000	10016/0072	09/13/73	20	5813	4433N	06746W	43.8	144.9	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0004

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1417-14483	00000/0000	10016/0073	09/13/73	0	5813 4307N 06820W	44.8	143.5		GGGG
1417-14485	00000/0000	10016/0074	09/13/73	0	5813 4142N 06852W	45.7	142.1		GGGG
1417-14492	00000/0000	10016/0075	09/13/73	10	5813 4016N 06922W	46.6	140.7		GGGG
1417-14494	00000/0000	10016/0076	09/13/73	20	5813 3851N 06951W	47.5	139.2		GGGG
1417-16303	00000/0000	10016/0167	09/13/73	20	5814 4723N 09228W	41.8	147.5		GGGG
1417-16305	00000/0000	10016/0168	09/13/73	70	5814 4558N 09303W	42.8	146.2		GGGG
1417-16312	00000/0000	10016/0169	09/13/73	90	5814 4433N 09337W	43.8	144.9		GGGG
1417-16314	00000/0000	10016/0170	09/13/73	90	5814 4309N 09410W	44.7	143.5		GGGG
1417-16321	00000/0000	10016/0171	09/13/73	100	5814 4143N 09441W	45.7	142.1		GGGG
1417-16323	00000/0000	10016/0172	09/13/73	100	5814 4017N 09511W	46.6	140.7		GGGG
1417-16330	00000/0000	10016/0173	09/13/73	100	5814 3851N 09540W	47.5	139.2		GGGG
1417-16332	00000/0000	10016/0174	09/13/73	30	5814 3726N 09609W	48.4	137.7		GGGG
1417-16335	00000/0000	10016/0175	09/13/73	60	5814 3559N 09636W	49.2	136.1		GGGG
1417-16341	00000/0000	10016/0176	09/13/73	50	5814 3433N 09702W	50.1	134.6		GGGG
1417-16344	00000/0000	10016/0177	09/13/73	10	5814 3307N 09728W	50.9	132.8		GGGG
1417-16350	00000/0000	10016/0178	09/13/73	10	5814 3142N 09753W	51.6	131.1		GGGG
1417-16353	00000/0000	10016/0179	09/13/73	10	5814 3016N 09819W	52.3	129.3		GGGG
1417-16355	00000/0000	10016/0180	09/13/73	20	5814 2849N 09843W	53.0	127.5		GGGG
1417-16362	00000/0000	10016/0181	09/13/73	60	5814 2722N 09907W	53.7	125.6		GGGG
1417-16364	00000/0000	10016/0182	09/13/73	40	5814 2556N 09930W	54.3	123.7		GGGG
1417-18132	00000/0000	10016/0183	09/13/73	10	5815 4847N 11740W	40.7	148.8		GGGG
1417-18134	00000/0000	10016/0184	09/13/73	10	5815 4722N 11817W	41.8	147.6		GGGG
1417-18141	00000/0000	10016/0185	09/13/73	10	5815 4557N 11852W	42.8	146.2		GGGG
1417-18143	00000/0000	10016/0186	09/13/73	10	5815 4432N 11926W	43.7	144.9		GGGG
1417-18150	00000/0000	10016/0187	09/13/73	10	5815 4307N 11959W	44.7	143.5		GGGG
1417-18152	00000/0000	10016/0188	09/13/73	10	5815 4141N 12030W	45.7	142.2		GGGG
1417-18155	00000/0000	10016/0189	09/13/73	10	5815 4015N 12101W	46.6	140.7		GGGG
1417-18161	00000/0000	10016/0190	09/13/73	10	5815 3849N 12130W	47.5	139.2		GGGG
1417-18164	00000/0000	10016/0191	09/13/73	40	5815 3724N 12158W	48.4	137.7		GGGG
1417-18170	00000/0000	10016/0192	09/13/73	80	5815 3559N 12225W	49.2	136.2		GGGG
1417-18173	00000/0000	10016/0193	09/13/73	100	5815 3434N 12252W	50.0	134.6		GGGG
1418-14525	00000/0000	10016/0198	09/14/73	30	5827 4723N 06803W	41.5	147.8		GGGG
1418-14532	00000/0000	10016/0199	09/14/73	40	5827 4559N 06838W	42.5	146.5		GGGG
1418-14534	00000/0000	10016/0200	09/14/73	50	5827 4434N 06912W	43.5	145.2		GGGG
1418-14541	00000/0000	10016/0201	09/14/73	90	5827 4309N 06944W	44.5	143.8		GGGG
1418-14543	00000/0000	10016/0202	09/14/73	90	5827 4143N 07016W	45.4	142.5		GGGG
1418-14550	00000/0000	10016/0203	09/14/73	100	5827 4017N 07046W	46.3	141.0		GGGG
1418-14552	00000/0000	10016/0204	09/14/73	90	5827 3852N 07115W	47.2	139.6		GGGG
1418-14555	00000/0000	10016/0205	09/14/73	90	5827 3727N 07144W	48.1	138.1		GGGG

KEYS: CLOUD COVER % ***** 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY ***** BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DFC 06173

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0005

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	
								123	45678	
1418-14561	00000/0000	10016/0206	09/14/73	80	5R27	3601N	07211W	49.0	136.5	GGGG
1418-16354	00000/0000	10016/0207	09/14/73	100	5R28	4848N	09316W	40.4	149.1	GGGG
1418-16361	00000/0000	10016/0208	09/14/73	100	5R28	4723N	09352W	41.5	147.8	GGGG
1418-16363	00000/0000	10016/0209	09/14/73	40	5R28	4857N	09427W	42.5	146.5	GGGG
1418-16370	00000/0000	10016/0210	09/14/73	0	5R28	4433N	09501W	43.5	145.2	GGGG
1418-16372	00000/0000	10016/0325	09/14/73	0	5R28	4308N	09533W	44.4	143.9	GP GG
1418-16375	00000/0000	10016/0326	09/14/73	0	5R28	4143N	09605W	45.4	142.5	GP PG
1418-16381	00000/0000	10016/0327	09/14/73	10	5R28	4018N	09635W	46.3	141.1	GP PG
1418-16384	00000/0000	10016/0328	09/14/73	40	5R28	3852N	09705W	47.2	139.6	GGGG
1418-16390	00000/0000	10016/0329	09/14/73	90	5R28	3726N	09733W	48.1	138.1	GGGG
1418-16393	00000/0000	10016/0330	09/14/73	90	5R28	3601N	09801W	49.0	136.6	GGGG
1418-16395	00000/0000	10016/0331	09/14/73	60	5R28	3436N	09828W	49.8	135.0	GP PG
1418-16402	00000/0000	10016/0332	09/14/73	60	5R28	3309N	09855W	50.6	133.3	GGGG
1418-16404	00000/0000	10016/0333	09/14/73	50	5R28	3141N	09920W	51.4	131.6	GP PG
1418-16411	00000/0000	10016/0334	09/14/73	50	5R28	3016N	09945W	52.1	129.9	GP PG
1418-16413	00000/0000	10016/0324	09/14/73	70	5R28	2849N	10009W	52.8	128.0	G PP
1418-16420	00000/0000	10016/0335	09/14/73	100	5R28	2722N	10032W	53.5	126.2	GP PG
1418-16422	00000/0000	10016/0336	09/14/73	100	5R28	2556N	10055W	54.1	124.2	GP GG
1418-18190	00000/0000	10016/0337	09/14/73	90	5R29	4847N	11905W	40.4	149.1	GGGG
1418-18193	00000/0000	10016/0338	09/14/73	40	5R29	4722N	11941W	41.4	147.8	PP PG
1418-18195	00000/0000	10016/0339	09/14/73	40	5R29	4558N	12017W	42.4	146.6	PP GG
1418-18202	00000/0000	10016/0340	09/14/73	40	5R29	4433N	12051W	43.4	145.2	GP GG
1418-18204	00000/0000	10016/0341	09/14/73	10	5R29	4306N	12123W	44.4	143.9	GP PG
1418-18211	00000/0000	10016/0342	09/14/73	0	5R29	4141N	12155W	45.4	142.5	GP GG
1418-18213	00000/0000	10016/0343	09/14/73	0	5R29	4015N	12224W	46.3	141.1	GP GG
1418-18220	00000/0000	10016/0344	09/14/73	20	5R29	3850N	12253W	47.2	139.6	GP GG
1418-18222	00000/0000	10016/0345	09/14/73	40	5R29	3724N	12321W	48.1	138.1	GP PG
1418-18225	00000/0000	10016/0346	09/14/73	70	5R29	3558N	12349W	49.0	136.6	GP PG
1418-18231	00000/0000	10016/0347	09/14/73	100	5R29	3433N	12416W	49.8	135.0	GP PG
1422-16583	00000/0000	10016/0211	09/18/73	0	5R84	4852N	09857W	39.0	150.3	P P
1422-16590	00000/0000	10016/0212	09/18/73	10	5R84	4727N	09934W	40.1	149.0	PP G
1422-16592	00000/0000	10016/0214	09/18/73	0	5R84	4602N	10010W	41.1	147.8	G
1422-16595	00000/0000	10016/0215	09/18/73	0	5R84	4438N	10044W	42.1	146.6	G
1422-17001	00000/0000	10016/0216	09/18/73	0	5R84	4312N	10116W	43.1	145.3	G
1422-17004	00000/0000	10016/0217	09/18/73	0	5R84	4146N	10147W	44.1	144.0	G
1422-17013	00000/0000	10016/0218	09/18/73	20	5R84	3856N	10246W	46.0	141.3	P
1422-17022	00000/0000	10016/0219	09/18/73	30	5R84	3606N	10343W	47.8	138.4	P
1422-17024	00000/0000	10016/0220	09/18/73	80	5R84	3440N	10410W	48.7	136.9	P
1422-17031	00000/0000	10016/0213	09/18/73	80	5R84	3313N	10436W	49.5	135.3	P P

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS, BAND NOT PRESENT/REQUESTED, R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1422-18415	00000/0000	10016/0221	09/18/73	80	5A85	4A52N 12447W	39.0	150.3		P
1423-17071	00000/0000	10016/0234	09/19/73	20	5A98	3A54N 10414W	45.7	141.6		P
1423-17074	00000/0000	10016/0235	09/19/73	0	5A98	3729N 10443W	46.6	140.2		P
1423-17080	00000/0000	10016/0238	09/19/73	0	5A98	3604N 10511W	47.5	138.8		P
1423-17083	00000/0000	10016/0236	09/19/73	0	5A98	3438N 10538W	48.4	137.3		P
1423-17085	00000/0000	10016/0239	09/19/73	20	5A98	3313N 10603W	49.3	135.7		P
1423-17092	00000/0000	10016/0240	09/19/73	10	5A98	3146N 10628W	50.1	134.1		P
1423-17094	00000/0000	10016/0241	09/19/73	10	5A98	3019N 10652W	50.9	132.5		P
1423-17101	00000/0000	10016/0242	09/19/73	20	5A98	2853N 10716W	51.6	130.8		P
1423-18473	00000/0000	10016/0237	09/19/73	80	5A99	4A55N 12609W	38.6	150.6		P
1428-15493	00000/0000	10016/0272	09/24/73	10	5A67	4855N 08143W	37.0	151.8		GGGG
1428-15500	00000/0000	10016/0273	09/24/73	10	5A67	4729N 08220W	38.0	150.7		GGGG
1428-15502	00000/0000	10016/0274	09/24/73	40	5A67	4604N 08255W	39.1	149.5		GGGG
1428-15505	00000/0000	10016/0275	09/24/73	40	5A67	4438N 08328W	40.2	148.4		GGGG
1428-15511	00000/0000	10016/0276	09/24/73	30	5A67	4313N 08400W	41.2	147.2		GGGG
1428-15514	00000/0000	10016/0277	09/24/73	20	5A67	4148N 08430W	42.2	146.0		GGGG
1428-15520	00000/0000	10016/0278	09/24/73	10	5A67	4023N 08501W	43.2	144.7		GGGG
1428-15523	00000/0000	10016/0279	09/24/73	30	5A67	3857N 08531W	44.2	143.4		GGGG
1428-15525	00000/0000	10016/0280	09/24/73	30	5A67	3731N 08559W	45.2	142.1		GGGG
1428-15532	00000/0000	10016/0281	09/24/73	60	5A67	3604N 08626W	46.1	140.8		GGGG
1428-15534	00000/0000	10016/0282	09/24/73	40	5A67	3439N 08652W	47.0	139.4		GGGG
1428-15541	00000/0000	10016/0283	09/24/73	40	5A67	3314N 08719W	47.9	137.9		GGGG
1428-15543	00000/0000	10016/0284	09/24/73	20	5A67	3148N 08745W	48.8	136.4		GGGG
1428-15550	00000/0000	10016/0285	09/24/73	10	5A67	3023N 08811W	49.6	134.9		GGGG
1428-15552	00000/0000	10016/0286	09/24/73	20	5A67	2857N 08835W	50.4	133.3		GGGG
1428-15555	00000/0000	10016/0287	09/24/73	20	5A67	2731N 08859W	51.2	131.6		GGGG
1433-16215	00000/0000	10016/0299	09/29/73	20	6A37	3605N 09338W	44.6	142.7		P
1433-16222	00000/0000	10016/0288	09/29/73	0	6A37	3439N 09405W	45.6	141.3		GG
1433-16224	00000/0000	10016/0289	09/29/73	10	6A37	3313N 09431W	46.5	140.0		PP
1433-16231	00000/0000	10016/0290	09/29/73	10	6A37	3147N 09456W	47.4	138.6		PG
1433-16233	00000/0000	10016/0291	09/29/73	10	6A37	3020N 09521W	48.3	137.2		PG
1433-16240	00000/0000	10016/0292	09/29/73	0	6A37	2854N 09545W	49.2	135.7		P
1433-16242	00000/0000	10016/0293	09/29/73	20	6A37	2728N 09609W	50.0	134.1		P
1433-16245	00000/0000	10016/0294	09/29/73	20	6A37	2601N 09632W	50.8	132.5		P
1433-16251	00000/0000	10016/0295	09/29/73	30	6A37	2434N 09655W	51.6	130.8		P
1433-18015	00000/0000	10016/0296	09/29/73	0	6A38	4727N 11518W	36.3	152.0		PG
1433-18021	00000/0000	10016/0297	09/29/73	0	6A38	4602N 11554W	37.4	150.9		PG
1433-18024	00000/0000	10016/0298	09/29/73	0	6A38	4438N 11628W	38.5	149.8		PP
1433-18030	00000/0000	10016/0300	09/29/73	0	6A38	4312N 11700W	39.5	148.7		G

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DEC 06, '73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0007

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1433-18060	00000/0000	10016/0301	09/29/73	100	6038 3312N 12021W	46.5	140.0		P
1435-14464	00000/0000	10016/0884	10/01/73	10	6064 4726N 06632W	35.7	152.4		GGGG
1435-14471	00000/0000	10016/0885	10/01/73	0	6064 4601N 06707W	36.8	151.3		GGGG
1435-14473	00000/0000	10016/0886	10/01/73	0	6064 4435N 06742W	37.9	150.9		GGGG
1435-14480	00000/0000	10016/0887	10/01/73	0	6064 4310N 06814W	38.9	149.2		GGGG
1435-14482	00000/0000	10016/0888	10/01/73	0	6064 4144N 06846W	40.0	148.1		GGGG
1435-14485	00000/0000	10016/0889	10/01/73	0	6064 4019N 06916W	41.0	146.9		GGGG
1435-16293	00000/0000	10016/0890	10/01/73	100	6065 4851N 09146W	34.6	153.5		GGGG
1435-16300	00000/0000	10016/0891	10/01/73	80	6065 4725N 09222W	35.7	152.4		GGGG
1435-16302	00000/0000	10016/0892	10/01/73	60	6065 4601N 09257W	36.8	151.3		GGGG
1435-16305	00000/0000	10016/0893	10/01/73	60	6065 4436N 09331W	37.9	150.3		GGGG
1435-16311	00000/0000	10016/0894	10/01/73	100	6065 4310N 09404W	38.9	149.2		GGGG
1435-16314	00000/0000	10016/0895	10/01/73	100	6065 4145N 09435W	40.0	148.1		GGGG
1435-16320	00000/0000	10016/0896	10/01/73	100	6065 4020N 09505W	41.0	146.9		GGGG
1435-16323	00000/0000	10016/0897	10/01/73	100	6065 3854N 09535W	42.0	145.8		GGGG
1435-16325	00000/0000	10016/0898	10/01/73	70	6065 3728N 09603W	43.1	144.6		GGGG
1435-16332	00000/0000	10016/0874	10/01/73	10	6065 3602N 09630W	44.0	143.3		GG G
1435-16334	00000/0000	10016/0875	10/01/73	30	6065 3437N 09656W	45.0	142.1		GP G
1435-16341	00000/0000	10016/0876	10/01/73	40	6065 3310N 09722W	46.0	140.8		GG G
1435-16343	00000/0000	10016/0877	10/01/73	40	6065 3143N 09747W	46.9	139.4		GP G
1435-16350	00000/0000	10016/0878	10/01/73	60	6065 3018N 09812W	47.8	138.0		GG G
1435-16352	00000/0000	10016/0879	10/01/73	70	6065 2852N 09837W	48.7	136.5		GG G
1435-16355	00000/0000	10016/0880	10/01/73	40	6065 2724N 09902W	49.5	135.0		GG G
1435-16361	00000/0000	10016/0881	10/01/73	10	6065 2557N 09926W	50.3	133.5		GP P
1435-18125	00000/0000	10016/0882	10/01/73	50	6066 4851N 11732W	34.5	153.5		GG G
1435-18132	00000/0000	10016/0868	10/01/73	10	6066 4725N 11810W	35.7	152.4		G G
1435-18134	00000/0000	10016/0869	10/01/73	20	6066 4600N 11845W	36.7	151.4		P G
1435-18141	00000/0000	10016/0883	10/01/73	30	6066 4435N 11919W	37.8	150.3		PG G
1435-18143	00000/0000	10016/0870	10/01/73	0	6066 4309N 11952W	38.9	149.2		P P
1435-18150	00000/0000	10016/0871	10/01/73	10	6066 4144N 12023W	40.0	148.1		G G
1435-18152	00000/0000	10016/0872	10/01/73	20	6066 4019N 12053W	41.0	147.0		P
1435-18170	00000/0000	10016/0873	10/01/73	100	6066 3836N 12245W	45.0	142.1		G
1436-16375	00000/0000	10016/0593	10/02/73	20	6079 4018N 09631W	40.7	147.2		PP P
1436-16390	00000/0000	10016/0594	10/02/73	10	6079 3601N 09755W	43.7	143.7		PP P
1436-16393	00000/0000	10016/0595	10/02/73	0	6079 3435N 09822W	44.7	142.4		PP
1436-16395	00000/0000	10016/0596	10/02/73	10	6079 3309N 09849W	45.7	141.1		PP
1436-16402	00000/0000	10016/0597	10/02/73	40	6079 3143N 09915W	46.6	139.8		GP P
1436-16404	00000/0000	10016/0598	10/02/73	80	6079 3017N 09940W	47.5	138.4		GG P
1436-16411	00000/0000	10016/0599	10/02/73	60	6079 2850N 10004W	48.4	137.0		PG P

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED, R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15:54 DEC 06/73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0008

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS 123 45678
1436-16413	00000/0000	10016/0600	10/02/73	30	6079	2723N	10028W	49.3	135.5		PP
1436-18183	00000/0000	10016/0601	10/02/73	10	6080	4850N	11900W	34.2	153.7		PGPP
1436-18190	00000/0000	10016/0592	10/02/73	10	6080	4725N	11937W	35.3	152.6		P P
1436-18192	00000/0000	10016/0602	10/02/73	10	6080	4559N	12012W	36.4	151.6		PP P
1436-18195	00000/0000	10016/0603	10/02/73	20	6080	4434N	12046W	37.5	150.5		GP P
1436-18201	00000/0000	10016/0604	10/02/73	10	6080	4309N	12118W	38.6	149.5		PP P
1436-18204	00000/0000	10016/0605	10/02/73	0	6080	4143N	12149W	39.6	148.4		PP P
1436-18210	00000/0000	10016/0606	10/02/73	10	6080	4018N	12220W	40.7	147.3		PP P
1436-18213	00000/0000	10016/0607	10/02/73	0	6080	3852N	12250W	41.7	146.1		PP P
1436-18215	00000/0000	10016/0608	10/02/73	20	6080	3726N	12318W	42.7	144.9		GPPP
1436-18222	00000/0000	10016/0609	10/02/73	40	6080	3601N	12346W	43.7	143.7		GPPP
1437-16433	00000/0000	10016/0508	10/03/73	100	6093	4020N	09755W	40.4	147.6		PPPG
1437-16435	00000/0000	10016/0509	10/03/73	100	6093	3855N	09824W	41.4	146.4		PPG
1437-16442	00000/0000	10016/0518	10/03/73	90	6093	3729N	09853W	42.4	145.3		G
1437-16444	00000/0000	10016/0519	10/03/73	10	6093	3602N	09921W	43.4	144.1		G
1437-16451	00000/0000	10016/0520	10/03/73	0	6093	3436N	09949W	44.4	142.8		G
1437-16453	00000/0000	10016/0506	10/03/73	0	6093	3311N	10015W	45.4	141.5		P G
1437-16460	00000/0000	10016/0521	10/03/73	0	6093	3144N	10040W	46.3	140.2		G
1437-16462	00000/0000	10016/0522	10/03/73	20	6093	3018N	10104W	47.2	138.9		G
1437-16465	00000/0000	10016/0523	10/03/73	30	6093	2853N	10128W	48.1	137.4		G
1437-16471	00000/0000	10016/0524	10/03/73	20	6093	2726N	10152W	49.0	136.0		G
1437-18242	00000/0000	10016/0507	10/03/73	20	6094	4852N	12025W	33.8	153.9		P P
1437-18244	00000/0000	10016/0510	10/03/73	0	6094	4726N	12102W	34.9	152.9		PP G
1437-18251	00000/0000	10016/0511	10/03/73	0	6094	4601N	12137W	36.1	151.9		PG G
1437-18253	00000/0000	10016/0512	10/03/73	0	6094	4436N	12211W	37.1	150.8		PG G
1437-18260	00000/0000	10016/0513	10/03/73	0	6094	4311N	12244W	38.2	149.8		PG G
1437-18262	00000/0000	10016/0514	10/03/73	0	6094	4145N	12316W	39.3	148.7		PP G
1437-18265	00000/0000	10016/0515	10/03/73	0	6094	4020N	12347W	40.3	147.6		GP G
1437-18271	00000/0000	10016/0516	10/03/73	0	6094	3854N	12416W	41.4	146.4		PGPG
1437-18274	00000/0000	10016/0517	10/03/73	0	6094	3728N	12444W	42.4	145.3		PPPP
1438-16491	00000/0000	10016/0527	10/04/73	0	6107	4019N	09921W	40.1	147.8		GG G
1438-16494	00000/0000	10016/0528	10/04/73	0	6107	3854N	09950W	41.1	146.7		GP G
1438-16500	00000/0000	10016/0525	10/04/73	40	6107	3728N	10019W	42.1	145.6		P G
1438-16503	00000/0000	10016/0526	10/04/73	70	6107	3602N	10047W	43.1	144.4		P G
1438-16505	00000/0000	10016/0541	10/04/73	100	6107	3437N	10114W	44.1	143.2		G
1438-16512	00000/0000	10016/0529	10/04/73	100	6107	3310N	10140W	45.1	141.9		PPPP
1438-16514	00000/0000	10016/0530	10/04/73	90	6107	3144N	10206W	46.0	140.6		PPPG
1438-16521	00000/0000	10016/0531	10/04/73	70	6107	3018N	10232W	47.0	139.2		PGPG
1438-16523	00000/0000	10016/0539	10/04/73	20	6107	2851N	10256W	47.9	137.8		PG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DFC 06/73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0009

OBSERVATION TO	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SERIAL NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1438-16530	00000/0000	10016/0540	10/04/73	10	6107	2725N	10319W	48.7	136.4		PG
1438-18300	00000/0000	10016/0532	10/04/73	40	6108	4850N	12151W	33.5	154.1		PP G
1438-18302	00000/0000	10016/0533	10/04/73	40	6108	4725N	12227W	34.6	153.1		PP G
1438-18305	00000/0000	10016/0534	10/04/73	0	6108	4600N	12302W	35.7	152.1		PP G
1438-18311	00000/0000	10016/0535	10/04/73	0	6108	4435N	12336W	36.8	151.1		PP G
1438-18314	00000/0000	10016/0536	10/04/73	0	6108	4310N	12409W	37.9	150.0		PP P
1438-18320	00000/0000	10016/0537	10/04/73	20	6108	4144N	12440W	39.0	148.9		PPPP
1438-18323	00000/0000	10016/0538	10/04/73	20	6108	4018N	12511W	40.0	147.9		PPPP
1439-16584	00000/0000	10016/0441	10/05/73	100	6121	2723N	10443W	48.5	136.8		P
1439-18354	00000/0000	10016/0442	10/05/73	70	6122	4849N	12317W	33.2	154.3		P
1439-18361	00000/0000	10016/0443	10/05/73	80	6122	4724N	12354W	34.3	153.3		P
1440-17010	00000/0000	10016/0370	10/06/73	0	6135	3853N	10245W	40.5	147.3		GP G
1440-17013	00000/0000	10016/0371	10/06/73	0	6135	3728N	10313W	41.5	146.2		PP G
1440-17015	00000/0000	10016/0372	10/06/73	0	6135	3602N	10341W	42.5	145.0		GP G
1440-17022	00000/0000	10016/0368	10/06/73	10	6135	3436N	10407W	43.5	143.9		G G
1440-17024	00000/0000	10016/0373	10/06/73	20	6135	3310N	10434W	44.5	142.6		GP G
1440-17031	00000/0000	10016/0374	10/06/73	20	6135	3143N	10459W	45.5	141.4		GG G
1440-17033	00000/0000	10016/0375	10/06/73	10	6135	3017N	10524W	46.4	140.0		PP G
1440-17040	00000/0000	10016/0376	10/06/73	10	6135	2849N	10548W	47.3	138.7		GP G
1440-18421	00000/0000	10016/0369	10/06/73	90	6136	4600N	12558W	35.0	152.6		P
1441-17074	00000/0000	10016/0364	10/07/73	10	6149	3600N	10506W	42.2	145.3		P G
1441-17080	00000/0000	10016/0365	10/07/73	10	6149	3436N	10533W	43.2	144.2		P G
1441-17094	00000/0000	10016/0366	10/07/73	10	6149	2849N	10714W	47.1	139.1		GP G
1441-18471	00000/0000	10016/0367	10/07/73	70	6150	4849N	12609W	32.5	154.7		GP P
1442-17150	00000/0000	10016/0377	10/08/73	0	6163	3014N	10816W	45.9	140.8		P
1442-17152	00000/0000	10016/0378	10/08/73	0	6163	2848N	10840W	46.8	139.4		PP
1443-15320	00000/0000	10016/0379	10/09/73	0	6176	4855N	07721W	31.7	155.2		GGGG
1443-15322	00000/0000	10016/0380	10/09/73	0	6176	4730N	07758W	32.9	154.2		GGGG
1443-15325	00000/0000	10016/0381	10/09/73	0	6176	4605N	07833W	34.0	153.3		GGGG
1443-15331	00000/0000	10016/0382	10/09/73	10	6176	4440N	07907W	35.1	152.3		GGGG
1443-15334	00000/0000	10016/0383	10/09/73	10	6176	4315N	07940W	36.2	151.3		GGPP
1443-15340	00000/0000	10016/0384	10/09/73	30	6176	4149N	08011W	37.3	150.3		GGGP
1443-15343	00000/0000	10016/0385	10/09/73	50	6176	4023N	08041W	38.4	149.3		GGGP
1443-15345	00000/0000	10016/0386	10/09/73	50	6176	3858N	08110W	39.5	148.2		GGP
1443-15352	00000/0000	10016/0387	10/09/73	30	6176	3732N	08139W	40.5	147.1		GGGG
1443-15354	00000/0000	10016/0388	10/09/73	20	6176	3606N	08206W	41.6	146.0		GGGG
1443-15361	00000/0000	10016/0389	10/09/73	10	6176	3441N	08233W	42.6	144.9		GGGG
1443-15363	00000/0000	10016/0390	10/09/73	10	6176	3315N	08259W	43.6	143.7		GGGG
1443-15370	00000/0000	10016/0391	10/09/73	10	6176	3149N	08324W	44.6	142.5		GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0010

ABSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SERIAL NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN FLV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1443-15372	00000/0000	10016/0392	10/09/73	20	6176	3023N	08349W	45.5	141.2		P G G G
1443-15375	00000/0000	10016/0393	10/09/73	20	6176	2856N	08413W	46.5	139.9		G G G G
1443-15381	00000/0000	10016/0394	10/09/73	20	6176	2730N	08437W	47.4	138.6		G G G G
1443-15384	00000/0000	10016/0395	10/09/73	10	6176	2602N	08500W	48.3	137.2		G P G G
1443-15390	00000/0000	10016/0396	10/09/73	10	6176	2436N	08524W	49.2	135.7		G P G G
1443-17143	00000/0000	10016/0397	10/09/73	80	6177	4440N	10457W	35.1	152.3		P
1443-17165	00000/0000	10016/0398	10/09/73	100	6177	4314N	10529W	36.2	151.3		P
1443-17183	00000/0000	10016/0399	10/09/73	90	6177	3731N	10729W	40.5	147.2		P P
1443-17190	00000/0000	10016/0400	10/09/73	70	6177	3606N	10757W	41.5	146.1		P P
1443-17192	00000/0000	10016/0401	10/09/73	60	6177	3440N	10824W	42.6	144.9		P P
1443-17195	00000/0000	10016/0402	10/09/73	40	6177	3314N	10851W	43.6	143.7		P P
1444-17210	00000/0000	10016/0262	10/10/73	0	6191	4856N	10434W	31.4	155.4		G P G
1444-17212	00000/0000	10016/0263	10/10/73	10	6191	4731N	10512W	32.5	154.5		G P G
1444-17215	00000/0000	10016/0264	10/10/73	40	6191	4606N	10548W	33.6	153.5		P P
1444-17233	00000/0000	10016/0270	10/10/73	70	6191	4024N	10758W	38.0	149.6		P
1444-17235	00000/0000	10016/0265	10/10/73	50	6191	3859N	10827W	39.1	148.5		P P P
1444-17242	00000/0000	10016/0271	10/10/73	40	6191	3734N	10856W	40.2	147.5		P
1444-17244	00000/0000	10016/0266	10/10/73	60	6191	3608N	10923W	41.2	146.4		P P
1444-17251	00000/0000	10016/0267	10/10/73	50	6191	3442N	10950W	42.2	145.3		P P P
1444-17253	00000/0000	10016/0268	10/10/73	40	6191	3316N	11015W	43.2	144.1		P P P
1444-17260	00000/0000	10016/0269	10/10/73	20	6191	3149N	11040W	44.2	142.9		P P P
1445-17264	00000/0000	10016/0407	10/11/73	50	6205	4854N	10603W	31.0	155.6		P P G
1445-17270	00000/0000	10016/0408	10/11/73	70	6205	4729N	10640W	32.2	154.6		P P G
1445-17273	00000/0000	10016/0409	10/11/73	70	6205	4604N	10715W	33.3	153.7		P P G
1445-17275	00000/0000	10016/0403	10/11/73	10	6205	4440N	10749W	34.4	152.7		P P
1445-17282	00000/0000	10016/0410	10/11/73	90	6205	4313N	10821W	35.5	151.8		P P
1445-17284	00000/0000	10016/0404	10/11/73	100	6205	4148N	10852W	36.6	150.8		P
1445-17291	00000/0000	10016/0405	10/11/73	100	6205	4022N	10922W	37.7	149.8		P
1445-17293	00000/0000	10016/0406	10/11/73	100	6205	3856N	10952W	38.8	148.8		P
1445-17300	00000/0000	10016/0411	10/11/73	40	6205	3731N	11021W	39.9	147.7		P P
1446-17322	00000/0000	10016/0808	10/12/73	30	6219	4856N	10726W	30.7	155.8		G G P G
1446-17325	00000/0000	10016/0809	10/12/73	60	6219	4732N	10804W	31.8	154.8		G G G
1446-17331	00000/0000	10016/0810	10/12/73	90	6219	4607N	10840W	33.0	153.9		G G G
1446-17334	00000/0000	10016/0811	10/12/73	90	6219	4442N	10914W	34.1	153.0		G G G
1446-17340	00000/0000	10016/0812	10/12/73	90	6219	4315N	10947W	35.2	152.0		G G P G
1446-17343	00000/0000	10016/0813	10/12/73	90	6219	4149N	11018W	36.3	151.1		G G P G
1446-17345	00000/0000	10016/0814	10/12/73	70	6219	4023N	11048W	37.4	150.1		G G P G
1446-17352	00000/0000	10016/0815	10/12/73	30	6219	3858N	11117W	38.5	149.1		G G P G
1446-17354	00000/0000	10016/0816	10/12/73	10	6219	3733N	11145W	39.5	148.0		G G P P

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15154 DEC 06/73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0011

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1446-17361	00000/0000	10016/0817	10/12/73	10	6219	3607N 11213W	40.6	147.0		GGPG
1446-17363	00000/0000	10016/0818	10/12/73	0	6219	3441N 11239W	41.6	145.9		GGPG
1446-17370	00000/0000	10016/0819	10/12/73	0	6219	3315N 11306W	42.7	144.7		GGPG
1446-17372	00000/0000	10016/0820	10/12/73	0	6219	3149N 11332W	43.7	143.6		GG P
1447-15545	00000/0000	10016/0444	10/13/73	100	6232	4853N 08304W	30.4	155.9		PPGP
1447-15551	00000/0000	10016/0445	10/13/73	100	6232	4728N 08341W	31.5	155.0		PPGP
1447-15554	00000/0000	10016/0446	10/13/73	100	6232	4603N 08416W	32.7	154.1		PPGP
1447-15560	00000/0000	10016/0447	10/13/73	100	6232	4438N 08450W	33.8	153.1		PPGP
1447-15563	00000/0000	10016/0448	10/13/73	100	6232	4313N 08523W	34.9	152.2		PPGP
1447-15565	00000/0000	10016/0449	10/13/73	100	6232	4148N 08554W	36.0	151.2		PPGP
1447-15572	00000/0000	10016/0450	10/13/73	100	6232	4022N 08625W	37.1	150.3		PPGP
1447-15574	00000/0000	10016/0451	10/13/73	100	6232	3857N 08655W	38.2	149.3		PPGP
1447-15581	00000/0000	10016/0452	10/13/73	100	6232	3731N 08724W	39.3	148.2		PPGP
1447-15583	00000/0000	10016/0453	10/13/73	100	6232	3606N 08753W	40.3	147.2		PPGP
1447-15590	00000/0000	10016/0454	10/13/73	90	6232	3440N 08820W	41.4	146.1		PPGP
1447-15592	00000/0000	10016/0455	10/13/73	80	6232	3313N 08846W	42.4	145.0		GGGG
1447-15595	00000/0000	10016/0456	10/13/73	80	6232	3146N 08910W	43.4	143.8		GGGG
1447-16001	00000/0000	10016/0457	10/13/73	70	6232	3020N 08935W	44.4	142.7		PPGP
1447-16010	00000/0000	10016/0461	10/13/73	60	6232	2728N 09023W	46.3	140.1		PPG
1447-17380	00000/0000	10016/0821	10/13/73	30	6233	4855N 10854W	30.4	155.9		GG P
1447-17383	00000/0000	10016/0822	10/13/73	30	6233	4730N 10931W	31.5	155.0		GG P
1447-17385	00000/0000	10016/0823	10/13/73	30	6233	4605N 11007W	32.6	154.1		GG P
1447-17392	00000/0000	10016/0824	10/13/73	50	6233	4439N 11041W	33.8	153.2		GGPP
1447-17394	00000/0000	10016/0825	10/13/73	10	6233	4313N 11113W	34.9	152.2		GG P
1447-17401	00000/0000	10016/0826	10/13/73	0	6233	4147N 11144W	36.0	151.3		GG P
1447-17403	00000/0000	10016/0827	10/13/73	0	6233	4021N 11214W	37.1	150.3		GG P
1447-17410	00000/0000	10016/0828	10/13/73	0	6233	3856N 11243W	38.2	149.3		GG P
1447-17412	00000/0000	10016/0829	10/13/73	0	6233	3731N 11312W	39.2	148.3		GG P
1447-17415	00000/0000	10016/0830	10/13/73	0	6233	3604N 11340W	40.3	147.2		GG P
1447-17421	00000/0000	10016/0831	10/13/73	0	6233	3438N 11406W	41.4	146.1		GG P
1447-17424	00000/0000	10016/0832	10/13/73	0	6233	3311N 11432W	42.4	145.0		GG P
1447-17430	00000/0000	10016/0833	10/13/73	0	6233	3146N 11457W	43.4	143.9		GG P
1448-16003	00000/0000	10016/0476	10/14/73	80	6246	4855N 08427W	30.0	156.1		GGGG
1448-16005	00000/0000	10016/0477	10/14/73	50	6246	4730N 08504W	31.2	155.2		GGGG
1448-16012	00000/0000	10016/0478	10/14/73	40	6246	4605N 08540W	32.3	154.3		GGGG
1448-16014	00000/0000	10016/0479	10/14/73	20	6246	4440N 08614W	33.4	153.4		GGGG
1448-16021	00000/0000	10016/0480	10/14/73	0	6246	4316N 08647W	34.6	152.4		PPGP
1448-16023	00000/0000	10016/0481	10/14/73	0	6246	4150N 08719W	35.7	151.5		GGGG
1448-16030	00000/0000	10016/0482	10/14/73	0	6246	4024N 08750W	36.8	150.5		GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DFC 060173

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0012

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SRRIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	
								123	45678	
1448-16032	00000/0000	10016/0483	10/14/73	20	6246	3858N	08819W	27.9	149.5	GGGG
1448-16035	00000/0000	10016/0484	10/14/73	40	6246	3733N	08848W	28.9	148.5	GGGG
1448-16041	00000/0000	10016/0485	10/14/73	30	6246	3608N	08916W	40.0	147.5	GGGG
1448-16044	00000/0000	10016/0486	10/14/73	70	6246	3442N	08943W	41.0	146.4	GGGG
1448-16050	00000/0000	10016/0487	10/14/73	100	6246	3316N	09009W	42.1	145.3	GGGG
1448-16053	00000/0000	10016/0488	10/14/73	100	6246	3149N	09034W	43.1	144.2	GGGG
1448-16055	00000/0000	10016/0489	10/14/73	70	6246	3024N	09059W	44.1	143.0	GGGG
1448-16062	00000/0000	10016/0490	10/14/73	60	6246	2857N	09123W	45.1	141.8	GGGG
1448-16064	00000/0000	10016/0491	10/14/73	50	6246	2730N	09146W	46.0	140.5	GGGG
1448-16071	00000/0000	10016/0492	10/14/73	60	6246	2603N	09209W	47.0	139.2	GGGG
1448-17435	00000/0000	10016/0493	10/14/73	40	6247	4855N	11018W	20.0	156.1	GP P
1448-17441	00000/0000	10016/0494	10/14/73	90	6247	4730N	11055W	21.1	155.2	PP P
1448-17444	00000/0000	10016/0495	10/14/73	30	6247	4605N	11130W	22.3	154.3	PGPP
1448-17450	00000/0000	10016/0496	10/14/73	20	6247	4440N	11205W	23.4	153.4	GGPG
1448-17453	00000/0000	10016/0497	10/14/73	0	6247	4315N	11237W	24.5	152.5	GGPG
1448-17455	00000/0000	10016/0498	10/14/73	0	6247	4149N	11308W	25.6	151.5	GG G
1448-17462	00000/0000	10016/0499	10/14/73	0	6247	4023N	11338W	26.7	150.5	GG P
1448-17464	00000/0000	10016/0500	10/14/73	0	6247	3858N	11408W	27.8	149.6	GGPP
1448-17471	00000/0000	10016/0501	10/14/73	0	6247	3732N	11436W	28.9	148.6	GG P
1448-17473	00000/0000	10016/0502	10/14/73	0	6247	3606N	11504W	40.0	147.5	PGPP
1448-17480	00000/0000	10016/0503	10/14/73	0	6247	3440N	11530W	41.0	146.4	GGPP
1448-17482	00000/0000	10016/0504	10/14/73	0	6247	3313N	11556W	42.1	145.3	GGPP
1448-17485	00000/0000	10016/0505	10/14/73	20	6247	3147N	11621W	43.1	144.2	GGPP
1449-16061	00000/0000	10016/0559	10/15/73	80	6260	4853N	08557W	29.7	156.3	GGGG
1449-16064	00000/0000	10016/0560	10/15/73	10	6260	4728N	08634W	30.8	155.4	GGGG
1449-16070	00000/0000	10016/0561	10/15/73	10	6260	4603N	08709W	32.0	154.5	GGGG
1449-16073	00000/0000	10016/0562	10/15/73	20	6260	4439N	08743W	33.1	153.6	GGGG
1449-16075	00000/0000	10016/0563	10/15/73	80	6260	4314N	08816W	34.2	152.6	GGGG
1449-16082	00000/0000	10016/0564	10/15/73	10	6260	4149N	08848W	35.4	151.7	GGGG
1449-16084	00000/0000	10016/0565	10/15/73	0	6260	4024N	08919W	36.5	150.7	GGGG
1449-16091	00000/0000	10016/0566	10/15/73	0	6260	3858N	08948W	37.6	149.8	GGGG
1449-16093	00000/0000	10016/0567	10/15/73	10	6260	3731N	09016W	38.6	148.8	GGGG
1449-16100	00000/0000	10016/0568	10/15/73	10	6260	3604N	09043W	39.7	147.7	GGGG
1449-16102	00000/0000	10016/0569	10/15/73	30	6260	3439N	09109W	40.8	146.7	GGGG
1449-16105	00000/0000	10016/0570	10/15/73	90	6260	3313N	09135W	41.8	145.6	GGGG
1449-16111	00000/0000	10016/0571	10/15/73	90	6260	3147N	09201W	42.8	144.5	GGGG
1449-16114	00000/0000	10016/0572	10/15/73	90	6260	3021N	09226W	43.8	143.3	GGGG
1449-16120	00000/0000	10016/0573	10/15/73	90	6260	2854N	09250W	44.8	142.1	GGGG
1449-16123	00000/0000	10016/0574	10/15/73	50	6260	2726N	09314W	45.8	140.9	GGGG

KFYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GRAD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0013

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1449-16125	00000/0000	10016/0578	10/15/73	30	6260	2600N 09337W	46.7	139.6		PGGG
1449-17493	00000/0000	10016/0579	10/15/73	100	6261	4853N 11144W	29.7	156.3		GPPP
1449-17495	00000/0000	10016/0580	10/15/73	80	6261	4728N 11221W	30.8	155.4		GPPP
1449-17502	00000/0000	10016/0581	10/15/73	70	6261	4603N 11256W	32.0	154.5		GGPP
1449-17504	00000/0000	10016/0582	10/15/73	20	6261	4437N 11330W	33.1	153.6		GGPG
1449-17511	00000/0000	10016/0583	10/15/73	10	6261	4311N 11402W	34.2	152.6		PGPG
1449-17513	00000/0000	10016/0584	10/15/73	20	6261	4146N 11433W	35.3	151.7		GGPP
1449-17520	00000/0000	10016/0585	10/15/73	30	6261	4021N 11504W	36.4	150.8		GGPP
1449-17522	00000/0000	10016/0586	10/15/73	20	6261	3856N 11534W	37.5	149.8		GGPP
1449-17525	00000/0000	10016/0587	10/15/73	0	6261	3731N 11603W	38.6	148.8		GGPP
1449-17531	00000/0000	10016/0588	10/15/73	0	6261	3605N 11631W	39.7	147.8		GGPP
1449-17534	00000/0000	10016/0589	10/15/73	0	6261	3439N 11658W	40.7	146.7		PGPP
1449-17540	00000/0000	10016/0590	10/15/73	10	6261	3313N 11723W	41.8	145.6		GGGP
1449-17543	00000/0000	10016/0591	10/15/73	10	6261	3147N 11748W	42.8	144.5		GGGP
1450-16115	00000/0000	10016/0633	10/16/73	100	6274	4854N 08722W	29.3	156.5		PPPP
1450-16122	00000/0000	10016/0634	10/16/73	100	6274	4730N 08759W	30.5	155.6		PGPP
1450-16124	00000/0000	10016/0635	10/16/73	100	6274	4605N 08834W	31.6	154.7		GGGP
1450-16131	00000/0000	10016/0636	10/16/73	40	6274	4440N 08908W	32.8	153.8		PGGP
1450-16133	00000/0000	10016/0637	10/16/73	0	6274	4315N 08941W	33.9	152.9		PGGG
1450-16140	00000/0000	10016/0638	10/16/73	0	6274	4150N 09013W	35.0	151.9		PPGG
1450-16142	00000/0000	10016/0639	10/16/73	0	6274	4024N 09044W	36.1	151.0		PGGG
1450-16145	00000/0000	10016/0640	10/16/73	0	6274	3858N 09114W	37.2	150.0		GGGG
1450-16151	00000/0000	10016/0641	10/16/73	0	6274	3731N 09141W	38.3	149.0		PGPP
1450-16154	00000/0000	10016/0642	10/16/73	60	6274	3605N 09208W	39.4	148.0		PPPP
1450-16160	00000/0000	10016/0658	10/16/73	100	6274	3440N 09235W	40.4	147.0		P
1450-16163	00000/0000	10016/0647	10/16/73	100	6274	3313N 09300W	41.5	145.9		PPPP
1450-16165	00000/0000	10016/0648	10/16/73	100	6274	3147N 09326W	42.5	144.8		PP P
1450-16172	00000/0000	10016/0649	10/16/73	100	6274	3021N 09350W	43.6	143.7		PPPP
1450-16174	00000/0000	10016/0650	10/16/73	90	6274	2855N 09415W	44.5	142.5		P P
1450-16181	00000/0000	10016/0659	10/16/73	80	6274	2728N 09439W	45.5	141.2		P
1450-16183	00000/0000	10016/0651	10/16/73	50	6274	2602N 09502W	46.4	140.0		PP G
1450-16190	00000/0000	10016/0652	10/16/73	30	6274	2437N 09525W	47.4	138.6		PP P
1450-17551	00000/0000	10016/0660	10/16/73	80	6275	4855N 11309W	29.3	156.5		P
1450-17554	00000/0000	10016/0653	10/16/73	40	6275	4730N 11347W	30.5	155.6		PP G
1450-17560	00000/0000	10016/0654	10/16/73	10	6275	4605N 11422W	31.6	154.7		PPPG
1450-17563	00000/0000	10016/0655	10/16/73	0	6275	4440N 11456W	32.7	153.8		GGPG
1450-17565	00000/0000	10016/0656	10/16/73	0	6275	4314N 11528W	33.9	152.9		GP G
1450-17572	00000/0000	10016/0645	10/16/73	0	6275	4149N 11600W	35.0	151.9		G G
1450-17574	00000/0000	10016/0646	10/16/73	0	6275	4023N 11630W	36.1	151.0		P G

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLYV.	SUN AZIM.	IMAGE RBV 128	QUALITY MSS 45678	
1450-17581	00000/0000	10016/0661	10/16/73	0	6275	3857N	11659W	37.2	150.0	G
1450-17583	00000/0000	10016/0662	10/16/73	0	6275	3731N	11728W	38.3	149.1	G
1450-17590	00000/0000	10016/0657	10/16/73	0	6275	3605N	11755W	39.4	148.0	P P
1450-17592	00000/0000	10016/0663	10/16/73	10	6275	3440N	11822W	40.4	147.0	P
1450-17595	00000/0000	10016/0664	10/16/73	90	6275	3314N	11848W	41.5	145.9	G
1451-14345	00000/0000	10016/0741	10/17/73	20	6287	4728N	06337W	30.2	155.7	PPPG
1451-16174	00000/0000	10016/0742	10/17/73	100	6288	4853N	08849W	29.0	156.6	GGGG
1451-16180	00000/0000	10016/0743	10/17/73	100	6288	4728N	08926W	30.2	155.7	GGPG
1451-16183	00000/0000	10016/0744	10/17/73	100	6288	4604N	09001W	31.3	154.8	GGGG
1451-16185	00000/0000	10016/0745	10/17/73	100	6288	4439N	09036W	32.5	153.9	GGGG
1451-16192	00000/0000	10016/0746	10/17/73	100	6288	4313N	09109W	33.6	153.0	GGGG
1451-16194	00000/0000	10016/0747	10/17/73	100	6288	4148N	09141W	34.7	152.1	PGGG
1451-16201	00000/0000	10016/0748	10/17/73	90	6288	4023N	09211W	35.8	151.2	GGGG
1451-16203	00000/0000	10016/0749	10/17/73	20	6288	3856N	09240W	36.9	150.2	GGGG
1451-16210	00000/0000	10016/0750	10/17/73	0	6288	3730N	09309W	38.0	149.3	GGGG
1451-16212	00000/0000	10016/0751	10/17/73	0	6288	3604N	09336W	39.1	148.3	GGGG
1451-16215	00000/0000	10016/0752	10/17/73	0	6288	3438N	09402W	40.2	147.2	GGGG
1451-16221	00000/0000	10016/0771	10/17/73	0	6288	3311N	09428W	41.2	146.2	GG G
1451-16224	00000/0000	10016/0772	10/17/73	0	6288	3145N	09453W	42.2	145.1	GG G
1451-16230	00000/0000	10016/0773	10/17/73	0	6288	3019N	09518W	43.2	144.0	GG G
1451-16233	00000/0000	10016/0774	10/17/73	30	6288	2853N	09542W	44.2	142.8	GG G
1451-16235	00000/0000	10016/0775	10/17/73	90	6288	2727N	09606W	45.2	141.6	GGPG
1451-16242	00000/0000	10016/0776	10/17/73	80	6288	2601N	09630W	46.2	140.3	GGPG
1451-16244	00000/0000	10016/0777	10/17/73	80	6288	2435N	09653W	47.1	139.0	GGPG
1451-18004	00000/0000	10016/0778	10/17/73	10	6289	4950N	11411W	28.2	157.2	GG G
1451-18010	00000/0000	10016/0779	10/17/73	0	6289	4825N	11449W	29.4	156.3	GGGG
1451-18013	00000/0000	10016/0780	10/17/73	0	6289	4700N	11525W	30.5	155.4	GGGG
1451-18015	00000/0000	10016/0781	10/17/73	0	6289	4535N	11600W	31.7	154.6	GGGG
1451-18022	00000/0000	10016/0782	10/17/73	0	6289	4410N	11634W	32.8	153.7	GGPG
1451-18024	00000/0000	10016/0783	10/17/73	0	6289	4245N	11706W	33.9	152.8	PGPG
1451-18031	00000/0000	10016/0784	10/17/73	0	6289	4120N	11737W	35.1	151.8	GG G
1451-18033	00000/0000	10016/0785	10/17/73	0	6289	3954N	11807W	36.2	150.9	GG G
1451-18040	00000/0000	10016/0786	10/17/73	0	6289	3827N	11836W	37.3	149.9	GG G
1451-18042	00000/0000	10016/0787	10/17/73	0	6289	3702N	11905W	38.3	149.0	GG G
1451-18045	00000/0000	10016/0788	10/17/73	10	6289	3536N	11932W	39.4	148.0	GG G
1451-18051	00000/0000	10016/0789	10/17/73	60	6289	3410N	11959W	40.5	146.9	GGPG
1451-18054	00000/0000	10016/0790	10/17/73	90	6289	3244N	12025W	41.5	145.9	GGPG
1452-14403	00000/0000	10016/0952	10/18/73	90	6301	4730N	06500W	29.8	155.9	PPPP
1452-14405	00000/0000	10016/0953	10/18/73	100	6301	4605N	06536W	31.0	155.0	PPPP

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DFC 06/173

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0015

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1452-14412	00000/0000	10016/0954	10/18/73	100	6301	4439N	06610W	32.1	154.1	PPPP
1452-14414	00000/0000	10016/0955	10/18/73	100	6301	4314N	06642W	33.3	153.2	PPPP
1452-16232	00000/0000	10016/0956	10/18/73	100	6302	4855N	09013W	28.7	156.8	PPPP
1452-16234	00000/0000	10016/0957	10/18/73	50	6302	4731N	09051W	29.8	155.9	PPPP
1452-16241	00000/0000	10016/0958	10/18/73	50	6302	4606N	09126W	31.0	155.0	PPPP
1452-16243	00000/0000	10016/0959	10/18/73	50	6302	4441N	09200W	32.1	154.1	PPPP
1452-16250	00000/0000	10016/0960	10/18/73	10	6302	4316N	09233W	33.2	153.2	PPPP
1452-16252	00000/0000	10016/0961	10/18/73	0	6302	4150N	09305W	34.4	152.3	PPP
1452-16255	00000/0000	10016/0962	10/18/73	0	6302	4024N	09335W	35.5	151.4	PPPP
1452-16261	00000/0000	10016/0963	10/18/73	0	6302	3858N	09404W	36.6	150.5	PPP
1452-16264	00000/0000	10016/0964	10/18/73	0	6302	3733N	09433W	37.7	149.5	PPPP
1452-16270	00000/0000	10016/0965	10/18/73	0	6302	3606N	09500W	38.8	148.5	PPP
1452-16273	00000/0000	10016/0966	10/18/73	0	6302	3439N	09527W	39.8	147.5	PPP
1452-16275	00000/0000	10016/0665	10/18/73	0	6302	3313N	09552W	40.9	146.5	GGGG
1452-16282	00000/0000	10016/0666	10/18/73	0	6302	3147N	09618W	41.9	145.4	GGGG
1452-16284	00000/0000	10016/0667	10/18/73	0	6302	3020N	09642W	42.9	144.3	GGGG
1452-16291	00000/0000	10016/0668	10/18/73	0	6302	2854N	09706W	43.9	143.1	GGGG
1452-16293	00000/0000	10016/0669	10/18/73	10	6302	2728N	09731W	44.9	141.9	GGGG
1452-16300	00000/0000	10016/0670	10/18/73	20	6302	2603N	09754W	45.9	140.7	GGGG
1452-18064	00000/0000	10016/0671	10/18/73	20	6303	4854N	11601W	28.6	156.8	PPPG
1452-18070	00000/0000	10016/0672	10/18/73	10	6303	4729N	11639W	29.8	155.9	GGPG
1452-18073	00000/0000	10016/0673	10/18/73	10	6303	4604N	11714W	30.9	155.0	GGPG
1452-18075	00000/0000	10016/0674	10/18/73	0	6303	4439N	11748W	32.1	154.1	GGPG
1452-18082	00000/0000	10016/0675	10/18/73	0	6303	4313N	11820W	33.2	153.3	GGPG
1452-18084	00000/0000	10016/0676	10/18/73	0	6303	4148N	11851W	34.3	152.4	GGPG
1452-18091	00000/0000	10016/0677	10/18/73	0	6303	4022N	11922W	35.5	151.4	GGPG
1452-18093	00000/0000	10016/0678	10/18/73	0	6303	3856N	11952W	36.6	150.5	GGPG
1452-18100	00000/0000	10016/0679	10/18/73	10	6303	3731N	12021W	37.7	149.5	GGPG
1452-18102	00000/0000	10016/0680	10/18/73	0	6303	3604N	12049W	38.7	148.6	GGPG
1452-18105	00000/0000	10016/0681	10/18/73	0	6303	3439N	12116W	39.8	147.5	GGPG
1452-18111	00000/0000	10016/0682	10/18/73	40	6303	3313N	12142W	40.9	146.5	GGPG
1453-14461	00000/0000	10016/0834	10/19/73	30	6315	4731N	06626W	29.5	156.1	PPG
1453-14464	00000/0000	10016/0835	10/19/73	20	6315	4606N	06701W	30.6	155.2	GGG
1453-14470	00000/0000	10016/0836	10/19/73	10	6315	4441N	06735W	31.8	154.3	GGG
1453-14473	00000/0000	10016/0837	10/19/73	20	6315	4315N	06807W	32.9	153.4	PPG
1453-14475	00000/0000	10016/0838	10/19/73	40	6315	4150N	06838W	34.0	152.5	PPG
1453-14482	00000/0000	10016/0839	10/19/73	60	6315	4025N	06909W	35.2	151.6	GGG
1453-16290	00000/0000	10016/0840	10/19/73	90	6316	4853N	09138W	28.3	156.9	GGP
1453-16293	00000/0000	10016/0841	10/19/73	50	6316	4728N	09215W	29.5	156.0	GGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED, R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15:54 DEC 06/73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0016

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SERIAL NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS 123 45678
1453-16285	00000/0000	10016/0842	10/19/73	0	6316	4603N 09250W	30.7	155.2		GGG
1453-16302	00000/0000	10016/0843	10/19/73	10	6316	4437N 09324W	31.8	154.3		GGG
1453-16304	00000/0000	10016/0844	10/19/73	20	6316	4312N 09356W	32.9	153.4		PPG
1453-16311	00000/0000	10016/0845	10/19/73	10	6316	4146N 09428W	34.1	152.5		GGP
1453-16313	00000/0000	10016/0846	10/19/73	0	6316	4021N 09458W	35.2	151.6		GGP
1453-16320	00000/0000	10016/0847	10/19/73	20	6316	3855N 09528W	36.3	150.7		GGG
1453-16322	00000/0000	10016/0848	10/19/73	0	6316	3729N 09557W	37.4	149.7		GGG
1453-16325	00000/0000	10016/0849	10/19/73	0	6316	3603N 09624W	38.5	148.8		GGGG
1453-16331	00000/0000	10016/0850	10/19/73	0	6316	3437N 09651W	39.5	147.8		GGGG
1453-16334	00000/0000	10016/0851	10/19/73	0	6316	3311N 09717W	40.6	146.7		GGGG
1453-16340	00000/0000	10016/0852	10/19/73	0	6316	3146N 09742W	41.6	145.7		GGGG
1453-16343	00000/0000	10016/0853	10/19/73	0	6316	3019N 09807W	42.7	144.6		GGGG
1453-16345	00000/0000	10016/0854	10/19/73	0	6316	2853N 09832W	43.7	143.4		GGPG
1453-16352	00000/0000	10016/0855	10/19/73	0	6316	2727N 09855W	44.7	142.2		GGPG
1453-16354	00000/0000	10016/0856	10/19/73	10	6316	2601N 09919W	45.6	141.0		GGPG
1453-18122	00000/0000	10016/0857	10/19/73	70	6317	4855N 11726W	28.3	157.0		GGPG
1453-18124	00000/0000	10016/0858	10/19/73	60	6317	4731N 11803W	29.4	156.1		GGPG
1453-18131	00000/0000	10016/0859	10/19/73	80	6317	4605N 11839W	30.6	155.2		GGPG
1453-18133	00000/0000	10016/0860	10/19/73	70	6317	4440N 11913W	31.7	154.3		GGPG
1453-18140	00000/0000	10016/0861	10/19/73	70	6317	4315N 11945W	32.9	153.5		GGPG
1453-18142	00000/0000	10016/0862	10/19/73	70	6317	4149N 12016W	34.0	152.6		GGGG
1453-18145	00000/0000	10016/0863	10/19/73	100	6317	4024N 12047W	35.1	151.7		GGGG
1453-18151	00000/0000	10016/0864	10/19/73	100	6317	3858N 12116W	36.2	150.7		GGPG
1453-18154	00000/0000	10016/0865	10/19/73	90	6317	3732N 12144W	37.3	149.8		GGGG
1453-18160	00000/0000	10016/0866	10/19/73	40	6317	3606N 12212W	38.4	148.8		GGGG
1453-18163	00000/0000	10016/0867	10/19/73	80	6317	3441N 12239W	39.5	147.8		GGPG
1454-14515	00000/0000	10016/0921	10/20/73	100	6329	4728N 06753W	29.2	156.2		PPPP
1454-14522	00000/0000	10016/0922	10/20/73	100	6329	4603N 06828W	30.3	155.3		PPPP
1454-14524	00000/0000	10016/0923	10/20/73	100	6329	4438N 06902W	31.5	154.5		PPPP
1454-14531	00000/0000	10016/0924	10/20/73	100	6329	4313N 06934W	32.6	153.6		PPPP
1454-14533	00000/0000	10016/0925	10/20/73	100	6329	4148N 07004W	33.7	152.7		PPPP
1454-14540	00000/0000	10016/0926	10/20/73	80	6329	4022N 07034W	34.9	151.8		PPPP
1454-14542	00000/0000	10016/0927	10/20/73	40	6329	3857N 07103W	36.0	150.9		PPPP
1454-14545	00000/0000	10016/0928	10/20/73	30	6329	3731N 07132W	37.1	150.0		PPPP
1454-14551	00000/0000	10016/0929	10/20/73	30	6329	3605N 07200W	38.2	149.0		PPPP
1454-16344	00000/0000	10016/0930	10/20/73	20	6330	4254N 09304W	28.0	157.1		PPPP
1454-16351	00000/0000	10016/0931	10/20/73	10	6330	4729N 09341W	29.1	156.2		PPGP
1454-16353	00000/0000	10016/0932	10/20/73	10	6330	4603N 09416W	30.3	155.4		PPPP
1454-16360	00000/0000	10016/0933	10/20/73	10	6330	4438N 09450W	31.5	154.5		PPGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, '73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0017

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS
					LAT	LONG				
1454-16362	00000/0000	10016/0934	10/20/73	0	6330	4313N	09523W	32.6	153.6	PPGG
1454-16365	00000/0000	10016/0935	10/20/73	10	6330	4147N	09555W	33.7	152.7	PPGG
1454-16371	00000/0000	10016/0967	10/20/73	10	6330	4022N	09626W	34.8	151.8	GGGG
1454-16374	00000/0000	10016/0968	10/20/73	0	6330	3856N	09655W	36.0	150.9	GGGP
1454-16380	00000/0000	10016/0969	10/20/73	0	6330	3730N	09723W	37.1	150.0	GGGG
1454-16383	00000/0000	10016/0970	10/20/73	0	6330	3604N	09750W	38.1	149.0	GGGG
1454-16385	00000/0000	10016/0971	10/20/73	0	6330	3438N	09817W	39.2	148.0	GGGG
1454-16392	00000/0000	10016/0972	10/20/73	0	6330	3312N	09843W	40.3	147.0	GGGG
1454-16394	00000/0000	10016/0973	10/20/73	0	6330	3146N	09908W	41.3	146.0	GGPG
1454-16401	00000/0000	10016/0974	10/20/73	0	6330	3020N	09933W	42.4	144.9	GGGG
1454-16403	00000/0000	10016/0975	10/20/73	0	6330	2854N	09958W	43.4	143.7	GGPG
1454-18180	00000/0000	10016/0976	10/20/73	90	6331	4853N	11853W	28.0	157.1	GGPG
1454-18183	00000/0000	10016/0977	10/20/73	70	6331	4728N	11930W	29.1	156.2	GGPG
1454-18185	00000/0000	10016/0978	10/20/73	50	6331	4603N	12006W	30.3	155.4	GGGG
1454-18192	00000/0000	10016/0979	10/20/73	60	6331	4438N	12040W	31.4	154.5	GGGG
1454-18194	00000/0000	10016/0980	10/20/73	70	6331	4313N	12113W	32.6	153.6	GGGG
1454-18201	00000/0000	10016/0981	10/20/73	70	6331	4147N	12144W	33.7	152.7	GGGG
1454-18203	00000/0000	10016/0982	10/20/73	80	6331	4022N	12215W	34.8	151.8	GGGG
1454-18210	00000/0000	10016/0983	10/20/73	80	6331	3856N	12244W	35.9	150.9	GGGG
1454-18212	00000/0000	10016/0984	10/20/73	90	6331	3730N	12312W	37.0	150.0	GGGG
1454-18215	00000/0000	10016/0985	10/20/73	90	6331	3603N	12340W	38.1	149.0	GGGG
1455-14580	00000/0000	10016/0936	10/21/73	40	6343	4605N	06951W	30.0	155.5	PGPP
1455-14583	00000/0000	10016/0937	10/21/73	20	6343	4440N	07025W	31.1	154.7	PGPP
1455-14585	00000/0000	10016/0938	10/21/73	10	6343	4315N	07058W	32.3	153.8	PPPP
1455-14592	00000/0000	10016/0939	10/21/73	10	6343	4149N	07129W	33.4	152.9	PPPP
1455-14594	00000/0000	10016/0940	10/21/73	30	6343	4023N	07159W	34.5	152.0	PPPP
1455-15001	00000/0000	10016/0941	10/21/73	90	6343	3857N	07229W	35.6	151.1	PPPP
1455-15003	00000/0000	10016/0942	10/21/73	80	6343	3732N	07256W	36.8	150.2	PPPP
1455-15010	00000/0000	10016/0943	10/21/73	70	6343	3606N	07324W	37.8	149.3	PPPP
1455-15012	00000/0000	10016/0944	10/21/73	70	6343	3440N	07352W	38.9	148.3	PPPP
1455-15015	00000/0000	10016/0945	10/21/73	30	6343	3314N	07418W	40.0	147.3	PPPP
1455-15021	00000/0000	10016/0946	10/21/73	70	6343	3148N	07444W	41.0	146.2	PPPP
1455-16403	00000/0000	10016/0947	10/21/73	60	6344	4855N	09429W	27.6	157.2	PPPP
1455-16405	00000/0000	10016/0948	10/21/73	30	6344	4730N	09506W	28.8	156.4	PPPP
1455-16412	00000/0000	10016/0949	10/21/73	20	6344	4605N	09542W	30.0	155.5	PPPP
1455-16414	00000/0000	10016/0950	10/21/73	40	6344	4440N	09616W	31.1	154.7	PPPP
1455-16421	00000/0000	10016/0951	10/21/73	30	6344	4314N	09649W	32.3	153.8	PPPP
1455-16423	00000/0000	10016/1034	10/21/73	20	6344	4149N	09721W	33.4	152.9	GG G
1455-16430	00000/0000	10016/1035	10/21/73	20	6344	4023N	09751W	34.5	152.0	GG G

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15:54 DFC 06/73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0018

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1455-16432	00000/0000	10016/1036	10/21/73	0	6344	3857N	09820W	35.6	151.1		GP G
1455-16435	00000/0000	10016/1037	10/21/73	0	6344	3731N	09848W	36.7	150.2		PP G
1455-16441	00000/0000	10016/1038	10/21/73	10	6344	3606N	09915W	37.8	149.3		PP G
1455-16444	00000/0000	10016/1039	10/21/73	0	6344	3439N	09942W	38.9	148.3		PP G
1455-16450	00000/0000	10016/1040	10/21/73	0	6344	3314N	10008W	40.0	147.3		PP G
1455-16453	00000/0000	10016/1041	10/21/73	0	6344	3148N	10034W	41.0	146.2		PP G
1455-16455	00000/0000	10016/1042	10/21/73	0	6344	3022N	10058W	42.1	145.2		P P
1455-16462	00000/0000	10016/1043	10/21/73	0	6344	2855N	10123W	43.1	144.1		PP P
1455-16464	00000/0000	10016/1044	10/21/73	0	6344	2729N	10146W	44.1	142.9		P G
1455-18234	00000/0000	10016/1047	10/21/73	100	6345	4855N	12018W	27.6	157.2		P
1455-18255	00000/0000	10016/1048	10/21/73	90	6345	4148N	12310W	33.4	152.9		P
1455-18261	00000/0000	10016/1045	10/21/73	90	6345	4023N	12341W	34.5	152.1		P P
1455-18264	00000/0000	10016/1046	10/21/73	90	6345	3857N	12410W	35.6	151.2		P P
1455-18270	00000/0000	10016/1049	10/21/73	90	6345	3731N	12438W	36.7	150.2		G
1456-15032	00000/0000	10016/1090	10/22/73	90	6357	4729N	07045W	28.5	156.5		GGGG
1456-15034	00000/0000	10016/1091	10/22/73	90	6357	4603N	07121W	29.7	155.7		GGGG
1456-15041	00000/0000	10016/1092	10/22/73	40	6357	4437N	07154W	30.8	154.8		GGGG
1456-15043	00000/0000	10016/1093	10/22/73	0	6357	4312N	07227W	32.0	153.9		GGGG
1456-15050	00000/0000	10016/1094	10/22/73	0	6357	4146N	07258W	33.1	153.1		PPGG
1456-15052	00000/0000	10016/1095	10/22/73	0	6357	4021N	07328W	34.2	152.2		PPGG
1456-15055	00000/0000	10016/1096	10/22/73	10	6357	3855N	07357W	35.4	151.3		PPGG
1456-15061	00000/0000	10016/1097	10/22/73	30	6357	3729N	07424W	36.5	150.4		PPGG
1456-15064	00000/0000	10016/1098	10/22/73	40	6357	3604N	07451W	37.6	149.5		PPGG
1456-15070	00000/0000	10016/1099	10/22/73	50	6357	3438N	07518W	38.6	148.5		PPGG
1456-15073	00000/0000	10016/1100	10/22/73	60	6357	3312N	07544W	39.7	147.5		PPGG
1456-15075	00000/0000	10016/1101	10/22/73	70	6357	3146N	07610W	40.8	146.5		PPPG
1456-15082	00000/0000	10016/1102	10/22/73	90	6357	3020N	07635W	41.8	145.4		GGPG
1456-15084	00000/0000	10016/1103	10/22/73	100	6357	2854N	07659W	42.8	144.3		GGPG
1456-16461	00000/0000	10016/1104	10/22/73	0	6358	4853N	09557W	27.3	157.3		GGGG
1456-16463	00000/0000	10016/1105	10/22/73	0	6358	4727N	09634W	28.5	156.5		GGGG
1456-16470	00000/0000	10016/1106	10/22/73	0	6358	4602N	09709W	29.7	155.7		GGGG
1456-16472	00000/0000	10016/1107	10/22/73	10	6358	4438N	09743W	30.8	154.8		GGGG
1456-16475	00000/0000	10016/1108	10/22/73	10	6358	4312N	09816W	32.0	154.0		GGGG
1456-16481	00000/0000	10016/1109	10/22/73	10	6358	4146N	09847W	33.1	153.1		GGPG
1456-16484	00000/0000	10016/1110	10/22/73	10	6358	4020N	09917W	34.2	152.2		GGGG
1456-16490	00000/0000	10016/1114	10/22/73	10	6358	3855N	09947W	35.3	151.3		GP P
1456-16493	00000/0000	10016/1115	10/22/73	10	6358	3729N	10015W	36.4	150.4		PP G
1456-16495	00000/0000	10016/1116	10/22/73	0	6358	3603N	10043W	37.5	149.5		GG G
1456-16502	00000/0000	10016/1117	10/22/73	0	6358	3438N	10110W	38.6	148.5		GP G

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15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FRAM 11/01/73 TO 11/30/73

PAGE 0019

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRRIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1456-16504	00000/0000	10016/1118	10/22/73	0	6358	3313N 10136W	39.7	147.5		PP P
1456-16511	00000/0000	10016/1119	10/22/73	0	6358	3145N 10201W	40.8	146.5		PP G
1456-16513	00000/0000	10016/1120	10/22/73	0	6358	3018N 10226W	41.8	145.4		PPPG
1456-16520	00000/0000	10016/1121	10/22/73	0	6358	2853N 10250W	42.8	144.3		PP G
1456-16522	00000/0000	10016/1122	10/22/73	0	6358	2726N 10313W	43.8	143.2		PP G
1456-18302	00000/0000	10016/1123	10/22/73	90	6359	4602N 12258W	29.6	155.7		P
1456-18304	00000/0000	10016/1124	10/22/73	50	6359	4437N 12333W	30.8	154.8		P
1456-18311	00000/0000	10016/1111	10/22/73	70	6359	4312N 12406W	31.9	154.0		P G
1456-18313	00000/0000	10016/1112	10/22/73	80	6359	4146N 12438W	33.1	153.1		P G
1456-18320	00000/0000	10016/1113	10/22/73	80	6359	4020N 12508W	34.2	152.2		P G
1457-15090	00000/0000	10016/0243	10/23/73	100	6371	4730N 07210W	28.2	156.6		GGGG
1457-15093	00000/0000	10016/0244	10/23/73	60	6371	4604N 07246W	29.3	155.8		GGGG
1457-15095	00000/0000	10016/0245	10/23/73	30	6371	4439N 07319W	30.5	155.0		GGGG
1457-15102	00000/0000	10016/0246	10/23/73	40	6371	4313N 07351W	31.6	154.1		GGGG
1457-15104	00000/0000	10016/0247	10/23/73	20	6371	4148N 07422W	32.8	153.3		GGGG
1457-15111	00000/0000	10016/0248	10/23/73	10	6371	4022N 07452W	33.9	152.4		GGGG
1457-15113	00000/0000	10016/0249	10/23/73	20	6371	3856N 07521W	35.0	151.5		GGGG
1457-15120	00000/0000	10016/0250	10/23/73	40	6371	3730N 07550W	36.1	150.6		GGPG
1457-15122	00000/0000	10016/0251	10/23/73	60	6371	3604N 07617W	37.2	149.7		GGGG
1457-15125	00000/0000	10016/0252	10/23/73	70	6371	3439N 07644W	38.3	148.7		GGGG
1457-15131	00000/0000	10016/0253	10/23/73	80	6371	3313N 07710W	39.4	147.7		GGGG
1457-15134	00000/0000	10016/0254	10/23/73	30	6371	3146N 07735W	40.5	146.7		GGGG
1457-15140	00000/0000	10016/0255	10/23/73	20	6371	3020N 07800W	41.5	145.7		GGPG
1457-15143	00000/0000	10016/0256	10/23/73	40	6371	2855N 07824W	42.5	144.6		GGGG
1457-15144	00000/0000	10016/0257	10/23/73	60	6371	2728N 07848W	43.5	143.5		GGGG
1457-15152	00000/0000	10016/0258	10/23/73	70	6371	2601N 07911W	44.5	142.3		GGGG
1457-15154	00000/0000	10016/0259	10/23/73	40	6371	2435N 07935W	45.5	141.1		GGGG
1457-16513	00000/0000	10016/0260	10/23/73	100	6372	5003N 09650W	26.0	158.2		GGGG
1457-16520	00000/0000	10016/0261	10/23/73	50	6372	4838N 09729W	27.2	157.3		GGPG
1457-16522	00000/0000	10016/1149	10/23/73	10	6372	4729N 09759W	28.2	156.7		GGGG
1457-16524	00000/0000	10016/1150	10/23/73	10	6372	4604N 09834W	29.3	155.8		GGGG
1457-16531	00000/0000	10016/1151	10/23/73	0	6372	4438N 09908W	30.5	155.0		GGGG
1457-16533	00000/0000	10016/1152	10/23/73	0	6372	4313N 09940W	31.6	154.1		GGGG
1457-16540	00000/0000	10016/1153	10/23/73	0	6372	4148N 10012W	32.8	153.3		GGGG
1457-16542	00000/0000	10016/1154	10/23/73	0	6372	4023N 10043W	33.9	152.4		GGGG
1457-16545	00000/0000	10016/1155	10/23/73	0	6372	3857N 10112W	35.0	151.5		GGGG
1457-16551	00000/0000	10016/1156	10/23/73	10	6372	3730N 10140W	36.1	150.6		GGGG
1457-16554	00000/0000	10016/1157	10/23/73	0	6372	3604N 10208W	37.2	149.7		GGPG
1457-16560	00000/0000	10016/1158	10/23/73	0	6372	3439N 10235W	38.3	148.7		GGPG

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 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0020

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1457-16563	00000/0000	10016/1159	10/23/73	0	6372	3314N 10301W	39.4	147.8		GG G
1457-16565	00000/0000	10016/1160	10/23/73	0	6372	3146N 10327W	40.4	146.8		GGPG
1457-16572	00000/0000	10016/1161	10/23/73	0	6372	3020N 10352W	41.5	145.7		GGPG
1457-16574	00000/0000	10016/1162	10/23/73	0	6372	2854N 10415W	42.5	144.6		GGPG
1457-16581	00000/0000	10016/1163	10/23/73	0	6372	2728N 10438W	43.5	143.5		GGPG
1457-18351	00000/0000	10016/1164	10/23/73	30	6373	4852N 12310W	27.0	157.5		GGGG
1457-18353	00000/0000	10016/1165	10/23/73	70	6373	4728N 12347W	28.1	156.7		GGPG
1457-18360	00000/0000	10016/1166	10/23/73	90	6373	4603N 12423W	29.3	155.8		GGPG
1457-18362	00000/0000	10016/1167	10/23/73	100	6373	4438N 12458W	30.5	155.0		GGPG
1457-18365	00000/0000	10016/1168	10/23/73	100	6373	4313N 12531W	31.6	154.2		GGPG
1457-18371	00000/0000	10016/1169	10/23/73	80	6373	4147N 12602W	32.7	153.3		GGPG
1458-15144	00000/0000	10016/1050	10/24/73	90	6385	4729N 07336W	27.8	156.8		GGGP
1458-15151	00000/0000	10016/1051	10/24/73	80	6385	4604N 07411W	29.0	156.0		GGGP
1458-15153	00000/0000	10016/1052	10/24/73	20	6385	4439N 07445W	30.2	155.1		GGGG
1458-15160	00000/0000	10016/1053	10/24/73	0	6385	4314N 07518W	31.3	154.3		GGPP
1458-15162	00000/0000	10016/1054	10/24/73	10	6385	4148N 07549W	32.5	153.5		GGPP
1458-15165	00000/0000	10016/1055	10/24/73	30	6385	4023N 07619W	33.6	152.6		GGGP
1458-15171	00000/0000	10016/1056	10/24/73	20	6385	3856N 07648W	34.7	151.7		GGPP
1458-15174	00000/0000	10016/1057	10/24/73	40	6385	3730N 07716W	35.8	150.8		GGGP
1458-15180	00000/0000	10016/1058	10/24/73	30	6385	3604N 07743W	36.9	149.9		GGPP
1458-15183	00000/0000	10016/1059	10/24/73	20	6385	3438N 07809W	38.0	149.0		GGPG
1458-15185	00000/0000	10016/1060	10/24/73	50	6385	3313N 07836W	39.1	148.0		GGGG
1458-15192	00000/0000	10016/1061	10/24/73	70	6385	3147N 07901W	40.2	147.0		GGGG
1458-15194	00000/0000	10016/1062	10/24/73	40	6385	3020N 07926W	41.2	146.0		GGGG
1458-15201	00000/0000	10016/1063	10/24/73	30	6385	2854N 07951W	42.2	144.9		GGGG
1458-15203	00000/0000	10016/1064	10/24/73	20	6385	2728N 08015W	43.3	143.8		GGGG
1458-15210	00000/0000	10016/1065	10/24/73	10	6385	2602N 08038W	44.3	142.6		GGGP
1458-15212	00000/0000	10016/1066	10/24/73	10	6385	2436N 08103W	45.2	141.4		GGGP
1458-16582	00000/0000	10016/0708	10/24/73	100	6386	4604N 10001W	29.0	156.0		PP P
1458-16585	00000/0000	10016/0709	10/24/73	90	6386	4439N 10035W	30.1	155.1		PPPP
1458-16591	00000/0000	10016/0710	10/24/73	100	6386	4313N 10107W	31.3	154.3		PPPP
1458-16594	00000/0000	10016/0711	10/24/73	70	6386	4148N 10139W	32.4	153.5		PPPP
1458-17000	00000/0000	10016/0712	10/24/73	10	6386	4022N 10209W	33.6	152.6		PPPP
1458-17003	00000/0000	10016/0713	10/24/73	0	6386	3856N 10239W	34.7	151.7		PPPP
1458-17005	00000/0000	10016/0714	10/24/73	0	6386	3731N 10307W	35.8	150.8		PPPP
1458-17021	00000/0000	10016/0715	10/24/73	0	6386	3313N 10428W	39.1	148.0		PPPP
1458-17023	00000/0000	10016/0716	10/24/73	0	6386	3147N 10453W	40.1	147.0		PPPP
1458-17030	00000/0000	10016/0717	10/24/73	0	6386	3021N 10518W	41.2	146.0		PPPP
1458-17032	00000/0000	10016/0718	10/24/73	0	6386	2855N 10542W	42.2	144.9		GGPP

KEYS: CLOUD COVER * 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DFC 06, '73

STANDARD CATALOG FOR CUG
FROM 11/01/73 TO 11/30/73

PAGE 0021

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN. ELEV.	SUN. AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1458-18405	00000/0000	10016/0719	10/24/73	100	6387	4854N 12436W	26.6	157.6		PPPP
1458-18411	00000/0000	10016/0720	10/24/73	100	6387	4728N 12513W	27.8	156.8		PPPP
1458-18414	00000/0000	10016/0721	10/24/73	70	6387	4603N 12550W	29.0	156.0		PPPP
1458-18420	00000/0000	10016/0722	10/24/73	90	6387	4438N 12624W	30.1	155.2		PP P
1459-15203	00000/0000	10016/1413	10/25/73	80	6399	4729N 07503W	27.5	156.9		GGGG
1459-15205	00000/0000	10016/1414	10/25/73	20	6399	4603N 07538W	28.7	156.1		GGGG
1459-15212	00000/0000	10016/1415	10/25/73	10	6399	4438N 07612W	29.9	155.3		GGGG
1459-15214	00000/0000	10016/1416	10/25/73	0	6399	4312N 07643W	31.0	154.4		GGGG
1459-15221	00000/0000	10016/1417	10/25/73	0	6399	4147N 07715W	32.2	153.6		GGGG
1459-15223	00000/0000	10016/1418	10/25/73	0	6399	4021N 07745W	33.3	152.8		GGGG
1459-15230	00000/0000	10016/1419	10/25/73	0	6399	3855N 07814W	34.4	151.9		GGGG
1459-15232	00000/0000	10016/1420	10/25/73	0	6399	3729N 07843W	35.5	151.0		PGGG
1459-15235	00000/0000	10016/1421	10/25/73	0	6399	3604N 07910W	36.6	150.1		GGGG
1459-15241	00000/0000	10016/1422	10/25/73	0	6399	3438N 07937W	37.7	149.2		PGGG
1459-15244	00000/0000	10016/1423	10/25/73	0	6399	3313N 08003W	38.8	148.2		PGGG
1459-15250	00000/0000	10016/1424	10/25/73	20	6399	3147N 08028W	39.9	147.2		PGGG
1459-15253	00000/0000	10016/1425	10/25/73	40	6399	3021N 08053W	40.9	146.2		GGGG
1459-15255	00000/0000	10016/1426	10/25/73	20	6399	2855N 08118W	42.0	145.1		GGGG
1459-15262	00000/0000	10016/1427	10/25/73	0	6399	2728N 08142W	43.0	144.0		GGPP
1459-15264	00000/0000	10016/1428	10/25/73	0	6399	2601N 08206W	44.0	142.9		GGGP
1459-17032	00000/0000	10016/1197	10/25/73	90	6400	4853N 10014W	26.3	157.7		P PP
1459-17034	00000/0000	10016/1198	10/25/73	90	6400	4728N 10051W	27.5	156.9		P PP
1459-17041	00000/0000	10016/1199	10/25/73	80	6400	4603N 10127W	28.7	156.1		P PG
1459-17043	00000/0000	10016/1200	10/25/73	40	6400	4437N 10202W	29.8	155.3		G PG
1459-17050	00000/0000	10016/1211	10/25/73	10	6400	4312N 10235W	31.0	154.5		GPPG
1459-17052	00000/0000	10016/1201	10/25/73	30	6400	4147N 10306W	32.1	153.6		P PG
1459-17055	00000/0000	10016/1202	10/25/73	40	6400	4021N 10336W	33.3	152.8		P PG
1459-17061	00000/0000	10016/1203	10/25/73	20	6400	3856N 10406W	34.4	151.9		P PP
1459-17064	00000/0000	10016/1204	10/25/73	0	6400	3730N 10434W	35.5	151.0		G PG
1459-17070	00000/0000	10016/1205	10/25/73	0	6400	3605N 10501W	36.6	150.1		G PG
1459-17073	00000/0000	10016/1206	10/25/73	0	6400	3439N 10527W	37.7	149.2		P PG
1459-17075	00000/0000	10016/1207	10/25/73	0	6400	3313N 10553W	38.8	148.2		P PG
1459-17082	00000/0000	10016/1208	10/25/73	0	6400	3146N 10618W	39.9	147.2		P GG
1459-17084	00000/0000	10016/1209	10/25/73	0	6400	3020N 10643W	40.9	146.2		P GG
1459-18443	00000/0000	10016/1210	10/25/73	90	6401	4856N 12601W	26.3	157.8		P PP
1460-15255	00000/0000	10016/1248	10/26/73	100	6413	4853N 07551W	26.0	157.9		GGGG
1460-15261	00000/0000	10016/1249	10/26/73	100	6413	4728N 07628W	27.2	157.0		GGGG
1460-15264	00000/0000	10016/1250	10/26/73	100	6413	4603N 07704W	28.4	156.2		GGGG
1460-15270	00000/0000	10016/1251	10/26/73	40	6413	4437N 07739W	29.5	155.4		PGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. * * * NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, '73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0022

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE QUALITY	
						LAT	LONG			RBV	MSS
										123	45678
1460-15273	00000/0000	10016/1252	10/26/73	50	6413	4312N	07812W	20.7	154.6		
1460-15275	00000/0000	10016/1253	10/26/73	60	6413	4146N	07843W	21.8	153.8		PPGG
1460-15282	00000/0000	10016/1254	10/26/73	20	6413	4021N	07913W	23.0	152.9		PPGG
1460-15284	00000/0000	10016/1255	10/26/73	0	6413	3856N	07941W	24.1	152.1		PPGG
1460-15291	00000/0000	10016/1256	10/26/73	0	6413	3730N	08010W	25.2	151.2		PPGG
1460-15293	00000/0000	10016/1257	10/26/73	0	6413	3604N	08037W	26.3	150.3		PPGG
1460-15300	00000/0000	10016/1258	10/26/73	0	6413	3438N	08103W	27.4	149.4		PPGG
1460-15302	00000/0000	10016/1259	10/26/73	0	6413	3312N	08130W	28.5	148.4		PPGG
1460-15305	00000/0000	10016/1260	10/26/73	0	6413	3146N	08155W	29.6	147.5		PPGG
1460-15311	00000/0000	10016/1261	10/26/73	0	6413	3021N	08221W	30.6	146.4		PPGG
1460-15314	00000/0000	10016/1262	10/26/73	20	6413	2855N	08246W	31.7	145.4		PPGG
1460-15320	00000/0000	10016/1263	10/26/73	20	6413	2729N	08310W	32.7	144.3		PPGG
1460-15323	00000/0000	10016/1264	10/26/73	30	6413	2603N	08334W	33.7	143.2		PPGG
1460-17090	00000/0000	10016/0412	10/26/73	90	6414	4850N	10143W	26.1	157.8		GGGG
1460-17093	00000/0000	10016/0413	10/26/73	90	6414	4725N	10219W	27.2	157.0		GGGG
1460-17095	00000/0000	10016/0414	10/26/73	10	6414	4600N	10255W	28.4	156.2		GGGG
1460-17102	00000/0000	10016/0415	10/26/73	30	6414	4434N	10328W	29.6	155.4		GGPG
1460-17104	00000/0000	10016/0416	10/26/73	40	6414	4309N	10401W	30.7	154.6		GGGG
1460-17111	00000/0000	10016/0417	10/26/73	40	6414	4144N	10432W	31.9	153.8		GGGG
1460-17113	00000/0000	10016/0418	10/26/73	60	6414	4018N	10502W	33.0	152.9		GGGG
1460-17120	00000/0000	10016/0419	10/26/73	80	6414	3853N	10532W	34.1	152.1		GGGG
1460-17122	00000/0000	10016/0420	10/26/73	70	6414	3727N	10600W	35.2	151.2		GGGG
1460-17125	00000/0000	10016/0421	10/26/73	20	6414	3600N	10628W	36.4	150.3		GGGG
1460-17131	00000/0000	10016/0422	10/26/73	0	6414	3434N	10654W	37.5	149.4		PPGG
1460-17134	00000/0000	10016/0423	10/26/73	0	6414	3308N	10720W	38.5	148.4		PPPG
1460-17140	00000/0000	10016/0424	10/26/73	0	6414	3142N	10746W	39.6	147.4		GGGG
1461-15313	00000/0000	10016/1287	10/27/73	70	6427	4850N	07718W	25.7	157.9		GGGG
1461-15320	00000/0000	10016/1288	10/27/73	100	6427	4724N	07756W	26.9	157.1		GGGG
1461-15322	00000/0000	10016/1289	10/27/73	60	6427	4559N	07832W	28.1	156.3		PPGG
1461-15325	00000/0000	10016/1290	10/27/73	30	6427	4434N	07906W	29.3	155.5		GGGG
1461-15331	00000/0000	10016/1291	10/27/73	70	6427	4309N	07939W	30.4	154.7		GGGG
1461-15334	00000/0000	10016/1292	10/27/73	40	6427	4143N	08010W	31.6	153.9		GGGG
1461-15340	00000/0000	10016/1293	10/27/73	20	6427	4018N	08041W	32.7	153.1		GGGG
1461-15343	00000/0000	10016/1294	10/27/73	10	6427	3852N	08109W	33.8	152.2		GGGG
1461-15345	00000/0000	10016/1295	10/27/73	0	6427	3726N	08137W	35.0	151.3		GGGG
1461-15352	00000/0000	10016/1296	10/27/73	0	6427	3601N	08205W	36.1	150.5		GGGG
1461-15354	00000/0000	10016/1297	10/27/73	0	6427	3435N	08231W	37.2	149.6		GGGG
1461-15361	00000/0000	10016/1298	10/27/73	0	6427	3310N	08258W	38.3	148.6		PPGG
1461-15363	00000/0000	10016/1299	10/27/73	30	6427	3144N	08324W	39.3	147.6		GGGG

KFYS: CLOUD COVER % ***** 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ***** BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DFC 060173

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0023

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1461-15370	00000/0000	10016/1300	10/27/73	30	6427	3018N	08349W	40.4	146.7	GPGG
1461-15372	00000/0000	10016/1301	10/27/73	10	6427	2851N	08413W	41.4	145.6	GPGG
1461-15375	00000/0000	10016/1302	10/27/73	40	6427	2725N	08436W	42.5	144.6	GGGG
1461-15381	00000/0000	10016/1303	10/27/73	50	6427	2559N	08459W	43.5	143.4	GPGG
1461-17145	00000/0000	10016/1330	10/27/73	20	6428	4850N	10309W	25.7	158.0	GPGG
1461-17151	00000/0000	10016/1331	10/27/73	40	6428	4725N	10345W	26.9	157.1	GGGG
1461-17154	00000/0000	10016/1332	10/27/73	30	6428	4600N	10421W	28.1	156.3	GGGG
1461-17160	00000/0000	10016/1333	10/27/73	0	6428	4435N	10454W	29.2	155.5	P GPG
1461-17163	00000/0000	10016/1334	10/27/73	30	6428	4309N	10527W	30.4	154.7	PPPG
1461-17165	00000/0000	10016/1335	10/27/73	50	6428	4144N	10558W	31.5	153.9	PPPG
1461-17172	00000/0000	10016/1336	10/27/73	10	6428	4019N	10629W	32.7	153.1	P GGG
1461-17174	00000/0000	10016/1337	10/27/73	10	6428	3854N	10658W	33.8	152.2	GGGG
1461-17181	00000/0000	10016/1338	10/27/73	0	6428	3728N	10727W	34.9	151.4	GPGP
1461-17183	00000/0000	10016/1327	10/27/73	0	6428	3601N	10754W	36.0	150.5	P PP
1461-17190	00000/0000	10016/1328	10/27/73	0	6428	3435N	10821W	37.1	149.6	P PG
1461-17192	00000/0000	10016/1329	10/27/73	0	6428	3309N	10847W	38.2	148.6	G PG
1462-15371	00000/0000	10016/1339	10/28/73	70	6441	4850N	07846W	25.4	158.1	GGGG
1462-15374	00000/0000	10016/1340	10/28/73	80	6441	4725N	07923W	26.6	157.3	GPPG
1462-15380	00000/0000	10016/1341	10/28/73	70	6441	4600N	07958W	27.8	156.5	GPGG
1462-15383	00000/0000	10016/1342	10/28/73	90	6441	4435N	08031W	28.9	155.7	P GGG
1462-15385	00000/0000	10016/1343	10/28/73	100	6441	4310N	08104W	30.1	154.9	P GGG
1462-15392	00000/0000	10016/1344	10/28/73	100	6441	4145N	08135W	31.3	154.0	GPGG
1462-15394	00000/0000	10016/1345	10/28/73	100	6441	4019N	08205W	32.4	153.2	GPGG
1462-15401	00000/0000	10016/1346	10/28/73	100	6441	3853N	08235W	33.5	152.4	GPPG
1462-15403	00000/0000	10016/1347	10/28/73	100	6441	3727N	08303W	34.7	151.5	GPPP
1462-15410	00000/0000	10016/1348	10/28/73	100	6441	3601N	08330W	35.8	150.7	PPPG
1462-15412	00000/0000	10016/1349	10/28/73	90	6441	3436N	08356W	36.9	149.8	P GGG
1462-15415	00000/0000	10016/1350	10/28/73	90	6441	3310N	08423W	38.0	148.8	P GGG
1462-15421	00000/0000	10016/1351	10/28/73	80	6441	3143N	08449W	39.0	147.9	GPGG
1462-15424	00000/0000	10016/1352	10/28/73	80	6441	3017N	08514W	40.1	146.9	GGGG
1462-15430	00000/0000	10016/1353	10/28/73	70	6441	2852N	08538W	41.2	145.9	GGGG
1462-15433	00000/0000	10016/1354	10/28/73	50	6441	2725N	08602W	42.2	144.8	GGGG
1462-15435	00000/0000	10016/1355	10/28/73	60	6441	2559N	08626W	43.2	143.7	GGGG
1462-17203	00000/0000	10016/1404	10/28/73	30	6442	4851N	10433W	25.4	158.1	PPPG
1462-17210	00000/0000	10016/1409	10/28/73	60	6442	4726N	10510W	26.6	157.3	P
1462-17212	00000/0000	10016/1410	10/28/73	60	6442	4601N	10546W	27.7	156.5	P
1462-17215	00000/0000	10016/1405	10/28/73	10	6442	4435N	10620W	28.9	155.7	PPG
1462-17221	00000/0000	10016/1406	10/28/73	0	6442	4310N	10652W	30.1	154.9	GP G
1462-17224	00000/0000	10016/1399	10/28/73	0	6442	4145N	10724W	31.2	154.1	P P

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0024

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE QUALITY		
					LAT	LONG			RBV 123	MSS 45678	
1462-17230	00000/0000	10016/1407	10/28/73	0	6442	4019N	10754W	32.4	153.2		
1462-17233	00000/0000	10016/1408	10/28/73	0	6442	3854N	10823W	33.5	152.4		GPPG
1462-17235	00000/0000	10016/1400	10/28/73	0	6442	3728N	10852W	34.6	151.5		PP G
1462-17242	00000/0000	10016/1401	10/28/73	0	6442	3602N	10919W	35.7	150.7		P P
1462-17244	00000/0000	10016/1402	10/28/73	0	6442	3437N	10946W	36.8	149.8		P P
1462-17251	00000/0000	10016/1403	10/28/73	0	6442	3310N	11013W	37.9	148.8		P G
1463-15430	00000/0000	10016/1385	10/29/73	70	6455	4848N	08013W	25.1	158.1		P GGP
1463-15432	00000/0000	10016/1386	10/29/73	100	6455	4722N	08050W	26.3	157.3		GGPG
1463-15435	00000/0000	10016/1387	10/29/73	100	6455	4557N	08124W	27.5	156.6		GGPG
1463-15441	00000/0000	10016/1388	10/29/73	100	6455	4432N	08158W	28.7	155.8		GGPP
1463-15444	00000/0000	10016/1389	10/29/73	100	6455	4307N	08230W	29.8	155.0		GGPP
1463-15450	00000/0000	10016/1390	10/29/73	100	6455	4141N	08301W	31.0	154.2		GGPP
1463-15453	00000/0000	10016/1391	10/29/73	100	6455	4015N	08330W	32.1	153.3		GGPP
1463-15455	00000/0000	10016/1392	10/29/73	100	6455	3849N	08359W	33.3	152.5		PPGP
1463-15462	00000/0000	10016/1393	10/29/73	90	6455	3723N	08427W	34.4	151.7		GGPP
1463-15464	00000/0000	10016/1394	10/29/73	80	6455	3558N	08455W	35.5	150.8		PGGG
1463-15471	00000/0000	10016/1395	10/29/73	90	6455	3433N	08521W	36.6	149.9		GGPP
1463-15473	00000/0000	10016/1396	10/29/73	70	6455	3307N	08547W	37.7	149.0		GGGG
1463-15480	00000/0000	10016/1397	10/29/73	50	6455	3141N	08614W	38.8	148.1		GGPG
1463-15482	00000/0000	10016/1398	10/29/73	20	6455	3015N	08640W	39.9	147.1		PGGG
1463-15485	00000/0000	10016/1383	10/29/73	70	6455	2849N	08705W	40.9	146.1		P PG
1463-15491	00000/0000	10016/1384	10/29/73	20	6455	2724N	08729W	41.9	145.0		P PP
1463-15500	00000/0000	10016/1212	10/29/73	20	6455	2430N	08817W	44.0	142.8		PPGG
1463-17262	00000/0000	10016/1367	10/29/73	60	6456	4847N	10601W	25.1	158.1		GGGG
1463-17264	00000/0000	10016/1368	10/29/73	80	6456	4722N	10638W	26.3	157.4		GGGG
1463-17271	00000/0000	10016/1369	10/29/73	100	6456	4557N	10714W	27.5	156.6		GGPG
1463-17273	00000/0000	10016/1370	10/29/73	100	6456	4432N	10748W	28.6	155.8		GGGG
1463-17280	00000/0000	10016/1371	10/29/73	100	6456	4306N	10820W	29.8	155.0		PGGG
1463-17282	00000/0000	10016/1372	10/29/73	90	6456	4140N	10851W	31.0	154.2		GGGG
1463-17285	00000/0000	10016/1373	10/29/73	70	6456	4015N	10921W	32.1	153.4		GGPG
1463-17291	00000/0000	10016/1374	10/29/73	20	6456	3850N	10950W	33.2	152.5		PPGG
1463-17294	00000/0000	10016/1375	10/29/73	0	6456	3724N	11018W	34.4	151.7		PGPG
1463-17300	00000/0000	10016/1376	10/29/73	0	6456	3559N	11046W	35.5	150.8		GGGG
1463-17303	00000/0000	10016/1377	10/29/73	0	6456	3434N	11113W	36.6	149.9		GGGG
1463-17305	00000/0000	10016/1378	10/29/73	50	6456	3306N	11138W	37.7	149.0		PGGG
1463-17312	00000/0000	10016/1379	10/29/73	70	6456	3139N	11204W	38.8	148.1		GGPG
1463-17314	00000/0000	10016/1380	10/29/73	30	6456	3014N	11228W	39.8	147.1		PGPG
1464-15484	00000/0000	10016/1431	10/30/73	0	6469	4851N	08138W	24.8	158.3		PPPP
1464-15491	00000/0000	10016/1432	10/30/73	0	6469	4724N	08215W	26.0	157.5		PPGP

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0025

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1464-15493	00000/0000	10016/1433	10/30/73	80	6469	4401N 08250W	27.1	156.7		PPGP
1464-15500	00000/0000	10016/1434	10/30/73	100	6469	4436N 08323W	28.3	155.9		PPGP
1464-15502	00000/0000	10016/1435	10/30/73	100	6469	4310N 08355W	29.5	155.1		PPPP
1464-15505	00000/0000	10016/1436	10/30/73	100	6469	4145N 08426W	30.6	154.3		PPPP
1464-15511	00000/0000	10016/1437	10/30/73	100	6469	4019N 08457W	31.8	153.5		PPPP
1464-15514	00000/0000	10016/1438	10/30/73	100	6469	3854N 08526W	32.9	152.7		PPPP
1464-15520	00000/0000	10016/1439	10/30/73	100	6469	3728N 08554W	34.0	151.9		PPPP
1464-15523	00000/0000	10016/1440	10/30/73	100	6469	3602N 08621W	35.2	151.0		PPPP
1464-15525	00000/0000	10016/1441	10/30/73	60	6469	3436N 08648W	36.3	150.1		PPPP
1464-15532	00000/0000	10016/1442	10/30/73	10	6469	3311N 08715W	37.4	149.2		PPPP
1464-15534	00000/0000	10016/1443	10/30/73	0	6469	3145N 08742W	38.5	148.3		PPPP
1464-15541	00000/0000	10016/1429	10/30/73	0	6469	3018N 08808W	39.5	147.3		P PP
1464-15543	00000/0000	10016/1444	10/30/73	10	6469	2852N 08833W	40.6	146.3		PPPP
1464-15550	00000/0000	10016/1430	10/30/73	10	6469	2725N 08857W	41.6	145.3		P PP
1464-15552	00000/0000	10016/0197	10/30/73	10	6469	2559N 08919W	42.7	144.2		G
1464-17320	00000/0000	10016/1445	10/30/73	70	6470	4851N 10728W	24.7	158.3		GGGG
1464-17322	00000/0000	10016/1446	10/30/73	50	6470	4726N 10805W	25.9	157.5		GGGG
1464-17325	00000/0000	10016/1447	10/30/73	60	6470	4601N 10840W	27.1	156.7		PPGG
1464-17331	00000/0000	10016/1448	10/30/73	50	6470	4436N 10913W	28.3	155.9		GGGG
1464-17334	00000/0000	10016/1449	10/30/73	80	6470	4310N 10946W	29.4	155.1		GGGG
1464-17340	00000/0000	10016/1450	10/30/73	70	6470	4144N 11017W	30.6	154.3		GGGG
1464-17343	00000/0000	10016/1451	10/30/73	30	6470	4019N 11047W	31.7	153.5		GGGG
1464-17345	00000/0000	10016/1452	10/30/73	20	6470	3854N 11116W	32.9	152.7		GGPG
1464-17352	00000/0000	10016/1453	10/30/73	10	6470	3728N 11145W	34.0	151.9		GGGG
1464-17354	00000/0000	10016/1454	10/30/73	0	6470	3602N 11213W	35.1	151.0		GGGG
1464-17361	00000/0000	10016/1455	10/30/73	0	6470	3437N 11239W	36.2	150.2		GGGG
1464-17363	00000/0000	10016/1456	10/30/73	0	6470	3310N 11305W	37.3	149.2		GGGG
1464-17370	00000/0000	10016/1457	10/30/73	0	6470	3144N 11330W	38.4	148.3		GGGG
1464-17372	00000/0000	10016/1458	10/30/73	0	6470	3018N 11354W	39.5	147.4		GGGG
1465-15543	00000/0000	10016/1467	10/31/73	100	6483	4851N 08302W	24.5	158.4		PPGG
1465-15545	00000/0000	10016/1468	10/31/73	100	6483	4726N 08339W	25.6	157.6		GGGG
1465-15552	00000/0000	10016/1469	10/31/73	100	6483	4601N 08414W	26.8	156.8		GGGG
1465-15554	00000/0000	10016/1470	10/31/73	100	6483	4435N 08448W	28.0	156.0		GGGG
1465-15561	00000/0000	10016/1471	10/31/73	100	6483	4310N 08521W	29.2	155.3		GGPG
1465-15563	00000/0000	10016/1472	10/31/73	100	6483	4145N 08552W	30.3	154.5		GGGG
1465-15570	00000/0000	10016/1473	10/31/73	100	6483	4019N 08623W	31.5	153.7		GGGG
1465-15572	00000/0000	10016/1474	10/31/73	100	6483	3853N 08653W	32.6	152.9		GGGG
1465-15575	00000/0000	10016/1475	10/31/73	100	6483	3728N 08721W	33.7	152.0		GGGG
1465-15581	00000/0000	10016/1476	10/31/73	100	6483	3602N 08749W	34.9	151.2		GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15:54 DFC 060173

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0026

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1465-15584	00000/0000	10016/1477	10/31/73	100	6483	3436N 08816W	26.0	150.3		GGGG
1465-15590	00000/0000	10016/1478	10/31/73	100	6483	3310N 08842W	27.1	149.4		GGGG
1465-15593	00000/0000	10016/1479	10/31/73	90	6483	3145N 08908W	28.2	148.5		PGGG
1465-15595	00000/0000	10016/1480	10/31/73	90	6483	3019N 08932W	29.2	147.6		PPGG
1465-16002	00000/0000	10016/1481	10/31/73	100	6483	2853N 08956W	40.3	146.6		PGGG
1465-16004	00000/0000	10016/1495	10/31/73	90	6483	2728N 09020W	41.3	145.6		PPPP
1465-17374	00000/0000	10016/1483	10/31/73	40	6484	4851N 10852W	24.4	158.4		PP P
1465-17381	00000/0000	10016/1484	10/31/73	80	6484	4726N 10929W	25.6	157.6		PP P
1465-17383	00000/0000	10016/1482	10/31/73	100	6484	4601N 11005W	26.8	156.8		P P
1465-17390	00000/0000	10016/1485	10/31/73	100	6484	4436N 11039W	28.0	156.0		PP P
1465-17392	00000/0000	10016/1486	10/31/73	100	6484	4310N 11112W	29.1	155.3		PP P
1465-17395	00000/0000	10016/1487	10/31/73	90	6484	4145N 11143W	30.3	154.5		PP P
1465-17401	00000/0000	10016/1488	10/31/73	40	6484	4019N 11214W	31.4	153.7		PP P
1465-17404	00000/0000	10016/1489	10/31/73	10	6484	3854N 11243W	32.6	152.9		PP P
1465-17410	00000/0000	10016/1490	10/31/73	0	6484	3729N 11311W	33.7	152.0		PP P
1465-17413	00000/0000	10016/1491	10/31/73	0	6484	3603N 11339W	34.8	151.2		PP P
1465-17415	00000/0000	10016/1492	10/31/73	0	6484	3437N 11406W	35.9	150.3		PP P
1465-17422	00000/0000	10016/1493	10/31/73	0	6484	3312N 11433W	37.0	149.4		P P
1465-17424	00000/0000	10016/1494	10/31/73	0	6484	3146N 11458W	38.1	148.5		P P
1466-16001	00000/0000	10016/1516	11/01/73	100	6497	4853N 08430W	24.1	158.5		P P
1466-16004	00000/0000	10016/1517	11/01/73	100	6497	4727N 08507W	25.3	157.7		P P
1466-16010	00000/0000	10016/1518	11/01/73	100	6497	4602N 08543W	26.5	156.9		P G
1466-16013	00000/0000	10016/1519	11/01/73	80	6497	4436N 08616W	27.7	156.2		P P
1466-16015	00000/0000	10016/1520	11/01/73	50	6497	4311N 08648W	28.8	155.4		P G
1466-16022	00000/0000	10016/1531	11/01/73	80	6497	4145N 08719W	30.0	154.6		P P
1466-16024	00000/0000	10016/1521	11/01/73	100	6497	4020N 08749W	31.2	153.8		P G
1466-16031	00000/0000	10016/1522	11/01/73	20	6497	3855N 08818W	32.3	153.0		P P
1466-16033	00000/0000	10016/1523	11/01/73	0	6497	3729N 08847W	33.4	152.2		P G
1466-16040	00000/0000	10016/1524	11/01/73	0	6497	3603N 08914W	34.6	151.4		P P
1466-16042	00000/0000	10016/1525	11/01/73	0	6497	3438N 08940W	35.7	150.5		P G
1466-16045	00000/0000	10016/1526	11/01/73	0	6497	3312N 09007W	36.8	149.6		P G
1466-16051	00000/0000	10016/1527	11/01/73	0	6497	3146N 09032W	37.9	148.7		G P
1466-16054	00000/0000	10016/1528	11/01/73	0	6497	3021N 09057W	38.9	147.8		G P
1466-16060	00000/0000	10016/1529	11/01/73	30	6497	2855N 09122W	40.0	146.8		P P
1466-16063	00000/0000	10016/1530	11/01/73	30	6497	2728N 09146W	41.1	145.8		G P
1466-16065	00000/0000	10016/1532	11/01/73	80	6497	2602N 09209W	42.1	144.7		P
1466-17433	00000/0000	10016/1556	11/01/73	100	6498	4851N 11018W	24.1	158.5		PP P
1466-17435	00000/0000	10016/1557	11/01/73	100	6498	4726N 11055W	25.3	157.7		GG G
1466-17442	00000/0000	10016/1558	11/01/73	90	6498	4601N 11131W	26.5	156.9		PG G

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0027

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1466-17444	00000/0000	10016/1559	11/01/73	70	6498	4436N 11205W	27.6	156.2		PBPG
1466-17451	00000/0000	10016/1560	11/01/73	70	6498	4311N 11237W	28.8	155.4		PBPG
1466-17453	00000/0000	10016/1561	11/01/73	50	6498	4146N 11308W	30.0	154.6		PBPG
1466-17460	00000/0000	10016/1562	11/01/73	100	6498	4021N 11339W	31.1	153.8		PPPG
1466-17462	00000/0000	10016/1563	11/01/73	40	6498	3854N 11409W	32.3	153.0		PBPP
1466-17465	00000/0000	10016/1564	11/01/73	10	6498	3729N 11437W	33.4	152.2		GPBP
1466-17471	00000/0000	10016/1565	11/01/73	0	6498	3604N 11505W	34.5	151.4		PPPG
1466-17474	00000/0000	10016/1566	11/01/73	90	6498	3439N 11533W	35.6	150.5		GPBG
1466-17480	00000/0000	10016/1567	11/01/73	40	6498	3313N 11559W	36.7	149.6		GP G
1466-17483	00000/0000	10016/1568	11/01/73	70	6498	3147N 11624W	37.8	148.7		GPBG
1467-16060	00000/0000	10016/1539	11/02/73	100	6511	4849N 08556W	23.9	158.5		GGGG
1467-16062	00000/0000	10016/1540	11/02/73	90	6511	4724N 08632W	25.1	157.8		PGGG
1467-16065	00000/0000	10016/1541	11/02/73	100	6511	4559N 08708W	26.2	157.0		GGGG
1467-16071	00000/0000	10016/1542	11/02/73	100	6511	4434N 08742W	27.4	156.2		PGGG
1467-16074	00000/0000	10016/1543	11/02/73	100	6511	4308N 08815W	28.6	155.3		GPBG
1467-16080	00000/0000	10016/1544	11/02/73	100	6511	4143N 08846W	29.7	154.7		PGGG
1467-16083	00000/0000	10016/1545	11/02/73	100	6511	4017N 08916W	30.9	153.9		GGGG
1467-16085	00000/0000	10016/1546	11/02/73	90	6511	3851N 08945W	32.0	153.1		GGGG
1467-16092	00000/0000	10016/1547	11/02/73	80	6511	3726N 09013W	33.2	152.3		GGGG
1467-16094	00000/0000	10016/1548	11/02/73	90	6511	3600N 09041W	34.3	151.5		GGGG
1467-16101	00000/0000	10016/1549	11/02/73	90	6511	3434N 09108W	35.4	150.6		PGGG
1467-16103	00000/0000	10016/1550	11/02/73	60	6511	3309N 09134W	36.5	149.8		GGGG
1467-16110	00000/0000	10016/1551	11/02/73	40	6511	3143N 09159W	37.6	148.9		GPBG
1467-16112	00000/0000	10016/1552	11/02/73	70	6511	3018N 09223W	38.7	147.9		GPBG
1467-16115	00000/0000	10016/1553	11/02/73	60	6511	2851N 09247W	39.8	147.0		GGGG
1467-16121	00000/0000	10016/1554	11/02/73	40	6511	2725N 09312W	40.8	146.0		GPBG
1467-16124	00000/0000	10016/1555	11/02/73	40	6511	2559N 09336W	41.9	144.9		GGGG
1467-17491	00000/0000	10016/1575	11/02/73	100	6512	4849N 11145W	23.8	158.5		P
1467-17494	00000/0000	10016/1576	11/02/73	70	6512	4724N 11222W	25.0	157.8		P
1467-17500	00000/0000	10016/1569	11/02/73	50	6512	4559N 11257W	26.2	157.0		P P
1467-17503	00000/0000	10016/1570	11/02/73	70	6512	4434N 11331W	27.4	156.2		P P
1467-17505	00000/0000	10016/1571	11/02/73	20	6512	4308N 11404W	28.6	155.5		P G
1467-17512	00000/0000	10016/1577	11/02/73	20	6512	4143N 11436W	29.7	154.7		P
1467-17514	00000/0000	10016/1578	11/02/73	60	6512	4017N 11507W	30.9	153.9		P
1467-17521	00000/0000	10016/1572	11/02/73	20	6512	3852N 11536W	32.0	153.1		P P
1467-17523	00000/0000	10016/1579	11/02/73	0	6512	3726N 11604W	33.1	152.3		P
1467-17530	00000/0000	10016/1580	11/02/73	0	6512	3601N 11631W	34.3	151.5		P
1467-17532	00000/0000	10016/1581	11/02/73	20	6512	3435N 11658W	35.4	150.6		P
1467-17535	00000/0000	10016/1573	11/02/73	30	6512	3309N 11724W	36.5	149.8		PG G

KEYS: CLOUD COVER X 0 TO 100 = X CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1467-17541	00000/0000	10016/1574	11/02/73	30	6512 3142N 11749W	27.6	148.9		PPPG
1468-16114	00000/0000	10016/1644	11/03/73	80	6525 4849N 08723W	23.6	158.6		GGGG
1468-16120	00000/0000	10016/1645	11/03/73	80	6525 4724N 08759W	24.7	157.8		GGGG
1468-16123	00000/0000	10016/1646	11/03/73	80	6525 4559N 08834W	25.9	157.1		GGGG
1468-16125	00000/0000	10016/1647	11/03/73	80	6525 4434N 08908W	27.1	156.3		GGGG
1468-16132	00000/0000	10016/1648	11/03/73	30	6525 4309N 08941W	28.3	155.6		GGGG
1468-16134	00000/0000	10016/1649	11/03/73	30	6525 4143N 09013W	29.4	154.8		GGGG
1468-16141	00000/0000	10016/1650	11/03/73	10	6525 4017N 09043W	30.6	154.0		GGGG
1468-16143	00000/0000	10016/1651	11/03/73	40	6525 3852N 09113W	31.7	153.3		GGGG
1468-16150	00000/0000	10016/1652	11/03/73	50	6525 3726N 09141W	32.9	152.4		GGGG
1468-16152	00000/0000	10016/1653	11/03/73	90	6525 3601N 09209W	34.0	151.6		GGGG
1468-16155	00000/0000	10016/1654	11/03/73	100	6525 3435N 09235W	35.1	150.8		GGGG
1468-16161	00000/0000	10016/1655	11/03/73	70	6525 3309N 09302W	36.2	149.9		GGGG
1468-16164	00000/0000	10016/1656	11/03/73	70	6525 3144N 09327W	37.3	149.0		GGGG
1468-16170	00000/0000	10016/1657	11/03/73	70	6525 3018N 09352W	38.4	148.1		GGGG
1468-16173	00000/0000	10016/0627	11/03/73	40	6525 2852N 09417W	39.5	147.2		GGGG
1468-16175	00000/0000	10016/0628	11/03/73	60	6525 2725N 09441W	40.5	146.2		GGGG
1468-16182	00000/0000	10016/0629	11/03/73	30	6525 2559N 09504W	41.6	145.2		GGGG
1468-16184	00000/0000	10016/0630	11/03/73	20	6525 2432N 09527W	42.6	144.1		GGGG
1468-17550	00000/0000	10016/1658	11/03/73	80	6526 4849N 11312W	23.5	158.6		GGGG
1468-17552	00000/0000	10016/1659	11/03/73	40	6526 4724N 11349W	24.7	157.9		GGGG
1468-17555	00000/0000	10016/1660	11/03/73	20	6526 4558N 11424W	25.9	157.1		GGGG
1468-17561	00000/0000	10016/1661	11/03/73	30	6526 4433N 11458W	27.1	156.3		GGGG
1468-17564	00000/0000	10016/1662	11/03/73	30	6526 4308N 11531W	28.2	155.6		GGGG
1468-17570	00000/0000	10016/1663	11/03/73	80	6526 4142N 11602W	29.4	154.8		GGGG
1468-17573	00000/0000	10016/1664	11/03/73	80	6526 4017N 11633W	30.6	154.1		GGGG
1468-17575	00000/0000	10016/1665	11/03/73	50	6526 3852N 11702W	31.7	153.3		GGGG
1468-17582	00000/0000	10016/1666	11/03/73	20	6526 3727N 11731W	32.9	152.5		GGGG
1468-17584	00000/0000	10016/1667	11/03/73	20	6526 3601N 11758W	34.0	151.6		GGGG
1468-17591	00000/0000	10016/1668	11/03/73	20	6526 3435N 11825W	35.1	150.8		GGGG
1468-17593	00000/0000	10016/1669	11/03/73	40	6526 3309N 11851W	36.2	149.9		GGGG
1469-16172	00000/0000	10016/1612	11/04/73	70	6539 4849N 08849W	23.2	158.7		GGGG
1469-16175	00000/0000	10016/1613	11/04/73	90	6539 4724N 08926W	24.4	157.9		GGGG
1469-16181	00000/0000	10016/1614	11/04/73	100	6539 4600N 09001W	25.6	157.2		GGGG
1469-16184	00000/0000	10016/1615	11/04/73	100	6539 4435N 09035W	26.8	156.4		GGGG
1469-16190	00000/0000	10016/1616	11/04/73	100	6539 4309N 09107W	28.0	155.7		GGGG
1469-16193	00000/0000	10016/1617	11/04/73	100	6539 4143N 09138W	29.1	154.9		GGGG
1469-16195	00000/0000	10016/1618	11/04/73	100	6539 4018N 09208W	30.3	154.2		GGGG
1469-16202	00000/0000	10016/1619	11/04/73	100	6539 3852N 09238W	31.4	153.4		GGGG

KEYS: CLOUD COVER % 00..... 0 TO 100 * X CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 04/73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0029

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1469-16204	00000/0000	10016/1620	11/04/73	100	6539 3727N 09306W	32.6	152.6		PPPG
1469-16211	00000/0000	10016/1621	11/04/73	100	6539 3602N 09335W	33.7	151.8		PPG
1469-16213	00000/0000	10016/1622	11/04/73	100	6539 3436N 09402W	34.8	150.9		PPPP
1469-16220	00000/0000	10016/1623	11/04/73	100	6539 3310N 09428W	35.9	150.1		PPPP
1469-16222	00000/0000	10016/1638	11/04/73	90	6539 3143N 09453W	37.0	149.2		GGGG
1469-16225	00000/0000	10016/1639	11/04/73	90	6539 3018N 09518W	38.1	148.3		GGGG
1469-16231	00000/0000	10016/1640	11/04/73	60	6539 2852N 09542W	39.2	147.4		GGGG
1469-16234	00000/0000	10016/1641	11/04/73	40	6539 2725N 09606W	40.3	146.4		GGGG
1469-16240	00000/0000	10016/1642	11/04/73	50	6539 2559N 09629W	41.3	145.4		PGGG
1469-16243	00000/0000	10016/1643	11/04/73	40	6539 2433N 09652W	42.3	144.3		PGGG
1469-18004	00000/0000	10016/1626	11/04/73	100	6540 4850N 11437W	23.2	158.7		P
1469-18010	00000/0000	10016/1627	11/04/73	80	6540 4725N 11514W	24.4	157.9		P
1469-18013	00000/0000	10016/1628	11/04/73	90	6540 4600N 11550W	25.6	157.2		G
1469-18015	00000/0000	10016/1629	11/04/73	90	6540 4434N 11624W	26.8	156.4		G
1469-18022	00000/0000	10016/1630	11/04/73	40	6540 4309N 11657W	27.9	155.7		PP P
1469-18024	00000/0000	10016/1631	11/04/73	60	6540 4144N 11729W	29.1	154.9		GGPP
1469-18031	00000/0000	10016/1632	11/04/73	50	6540 4018N 11759W	30.3	154.2		PP P
1469-18033	00000/0000	10016/1633	11/04/73	40	6540 3853N 11828W	31.4	153.4		PP P
1469-18040	00000/0000	10016/1634	11/04/73	0	6540 3727N 11856W	32.6	152.6		PPPG
1469-18042	00000/0000	10016/1635	11/04/73	0	6540 3602N 11924W	33.7	151.8		PPPG
1469-18045	00000/0000	10016/1636	11/04/73	10	6540 3436N 11951W	34.8	151.0		PPPG
1469-18051	00000/0000	10016/1637	11/04/73	10	6540 3309N 12017W	35.9	150.1		GGGG
1470-14402	00000/0000	10016/1679	11/05/73	60	6552 4725N 06503W	24.2	158.0		PGPG
1470-14404	00000/0000	10016/1680	11/05/73	60	6552 4559N 06539W	25.3	157.3		PGPG
1470-14411	00000/0000	10016/1681	11/05/73	50	6552 4434N 06613W	26.5	156.5		PGGG
1470-14413	00000/0000	10016/1682	11/05/73	60	6552 4309N 06645W	27.7	155.8		PGPG
1470-16231	00000/0000	10016/1683	11/05/73	70	6553 4850N 09016W	22.9	158.8		PGPG
1470-16233	00000/0000	10016/1684	11/05/73	70	6553 4725N 09053W	24.1	158.0		PGGG
1470-16240	00000/0000	10016/1685	11/05/73	60	6553 4600N 09128W	25.3	157.3		PGGG
1470-16242	00000/0000	10016/1686	11/05/73	50	6553 4435N 09201W	26.5	156.5		PGGG
1470-16245	00000/0000	10016/1687	11/05/73	10	6553 4310N 09234W	27.7	155.8		PGGG
1470-16251	00000/0000	10016/1688	11/05/73	0	6553 4145N 09305W	28.8	155.0		PGGG
1470-16254	00000/0000	10016/1689	11/05/73	0	6553 4019N 09336W	30.0	154.3		PGGG
1470-16250	00000/0000	10016/1690	11/05/73	10	6553 3853N 09405W	31.1	153.5		PGGG
1470-16263	00000/0000	10016/1691	11/05/73	30	6553 3727N 09434W	32.3	152.7		PGGG
1470-16265	00000/0000	10016/1692	11/05/73	70	6553 3601N 09501W	33.4	151.9		PGPG
1470-16272	00000/0000	10016/1693	11/05/73	100	6553 3436N 09528W	34.5	151.1		PGP
1470-16274	00000/0000	10016/1694	11/05/73	100	6553 3310N 09554W	35.7	150.2		PPP
1470-16281	00000/0000	10016/1695	11/05/73	100	6553 3143N 09619W	36.8	149.4		PGPG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED, R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15:54 DEC 06, 1973

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0030

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SERIAL NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1470-16283	00000/0000	10016/1711	11/05/73	100	6553	3018N 09644W	37.8	148.5		GGPG
1470-16290	00000/0000	10016/1712	11/05/73	100	6553	2852N 09709W	38.9	147.6		GGPG
1470-16292	00000/0000	10016/1713	11/05/73	90	6553	2725N 09733W	40.0	146.6		GGPG
1470-16295	00000/0000	10016/1714	11/05/73	60	6553	2559N 09756W	41.0	145.6		GGPG
1470-18062	00000/0000	10016/1788	11/05/73	80	6554	4850N 11604W	22.9	158.8		GP P
1470-18065	00000/0000	10016/1789	11/05/73	100	6554	4726N 11640W	24.1	158.0		GP P
1470-18071	00000/0000	10016/1790	11/05/73	100	6554	4601N 11716W	25.3	157.3		PP P
1470-18074	00000/0000	10016/1791	11/05/73	100	6554	4433N 11750W	26.5	156.5		PP P
1470-18080	00000/0000	10016/1792	11/05/73	80	6554	4310N 11823W	27.6	155.8		PP G
1470-18083	00000/0000	10016/1793	11/05/73	90	6554	4145N 11854W	28.8	155.0		PP P
1470-18085	00000/0000	10016/1794	11/05/73	100	6554	4019N 11924W	30.0	154.3		PP P
1470-18092	00000/0000	10016/1795	11/05/73	90	6554	3853N 11953W	31.1	153.5		PP P
1470-18094	00000/0000	10016/1796	11/05/73	90	6554	3728N 12022W	32.3	152.7		PG P
1470-18101	00000/0000	10016/1797	11/05/73	20	6554	3602N 12049W	33.4	151.9		PG P
1470-18103	00000/0000	10016/1798	11/05/73	30	6554	3436N 12116W	34.5	151.1		PGPP
1470-18110	00000/0000	10016/1799	11/05/73	20	6554	3311N 12142W	35.6	150.3		PGPP
1471-14460	00000/0000	10016/1715	11/06/73	90	6566	4725N 06629W	23.9	158.1		GGGG
1471-14463	00000/0000	10016/1716	11/06/73	90	6566	4600N 06703W	25.0	157.4		GGGG
1471-14465	00000/0000	10016/1717	11/06/73	90	6566	4435N 06737W	26.2	156.6		GGGG
1471-14472	00000/0000	10016/1718	11/06/73	80	6566	4310N 06809W	27.4	155.9		GGGG
1471-14474	00000/0000	10016/1719	11/06/73	80	6566	4145N 06840W	28.6	155.1		GGGG
1471-14481	00000/0000	10016/1720	11/06/73	80	6566	4019N 06911W	29.7	154.4		GGGG
1471-16285	00000/0000	10016/1721	11/06/73	30	6567	4851N 09140W	22.6	158.8		GGGG
1471-16292	00000/0000	10016/1722	11/06/73	30	6567	4726N 09217W	23.8	158.1		GGGP
1471-16294	00000/0000	10016/1723	11/06/73	0	6567	4601N 09252W	25.0	157.4		GGGG
1471-16301	00000/0000	10016/1724	11/06/73	20	6567	4436N 09326W	26.2	156.6		GGGG
1471-16303	00000/0000	10016/1725	11/06/73	70	6567	4310N 09358W	27.4	155.9		GGGG
1471-16310	00000/0000	10016/1726	11/06/73	100	6567	4144N 09429W	28.5	155.1		GGGG
1471-16312	00000/0000	10016/1727	11/06/73	100	6567	4018N 09500W	29.7	154.4		GGGG
1471-16315	00000/0000	10016/1728	11/06/73	100	6567	3854N 09529W	30.8	153.6		GGGG
1471-16321	00000/0000	10016/1729	11/06/73	100	6567	3728N 09558W	32.0	152.8		GGGG
1471-16324	00000/0000	10016/1730	11/06/73	100	6567	3602N 09626W	33.1	152.0		GGGG
1471-16330	00000/0000	10016/1748	11/06/73	100	6567	3436N 09653W	34.3	151.2		P P
1471-16333	00000/0000	10016/1749	11/06/73	100	6567	3310N 09719W	35.4	150.4		PGPP
1471-16335	00000/0000	10016/1750	11/06/73	100	6567	3145N 09745W	36.5	149.5		PGPP
1471-16342	00000/0000	10016/1751	11/06/73	100	6567	3019N 09810W	37.6	148.6		PGPP
1471-16344	00000/0000	10016/1752	11/06/73	100	6567	2853N 09834W	38.6	147.7		PGPP
1471-16351	00000/0000	10016/1753	11/06/73	100	6567	2727N 09857W	39.7	146.8		PGPG
1471-16353	00000/0000	10016/1754	11/06/73	90	6567	2600N 09920W	40.8	145.8		PGPP

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DFC 06, '73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0031

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1471-18121	00000/0000	10016/1741	11/04/73	40	6568	4851N	11729W	22.6	158.8	P P
1471-18123	00000/0000	10016/1743	11/04/73	90	6568	4726N	11806W	23.8	158.1	G
1471-18130	00000/0000	10016/1744	11/04/73	90	6568	4601N	11841W	25.0	157.4	P
1471-18150	00000/0000	10016/1745	11/04/73	90	6568	3854N	12119W	20.8	153.6	P
1471-18153	00000/0000	10016/1746	11/04/73	90	6568	3729N	12148W	22.0	152.9	P
1471-18155	00000/0000	10016/1747	11/04/73	90	6568	3603N	12215W	23.1	152.1	P
1471-18162	00000/0000	10016/1742	11/06/73	80	6568	3437N	12242W	24.2	151.2	PP G
1472-16344	00000/0000	10016/0136	11/07/73	90	6581	4848N	09309W	22.4	158.9	PPPP
1472-16350	00000/0000	10016/0129	11/07/73	90	6581	4723N	09345W	23.6	158.1	P P
1472-16353	00000/0000	10016/0130	11/07/73	90	6581	4558N	09420W	24.8	157.4	P P
1472-16355	00000/0000	10016/0131	11/07/73	90	6581	4433N	09454W	25.9	156.7	P P
1472-16362	00000/0000	10016/0132	11/07/73	90	6581	4307N	09527W	27.1	155.9	P P
1472-16364	00000/0000	10016/0133	11/07/73	90	6581	4142N	09558W	28.3	155.2	P P
1472-16371	00000/0000	10016/0134	11/07/73	90	6581	4016N	09628W	29.5	154.5	P P
1472-16373	00000/0000	10016/0137	11/07/73	90	6581	3851N	09658W	30.6	153.7	PP P
1472-16380	00000/0000	10016/0135	11/07/73	90	6581	3725N	09726W	31.8	152.9	P P
1472-16382	00000/0000	10016/0138	11/07/73	100	6581	3559N	09753W	32.9	152.1	GPPP
1472-16385	00000/0000	10016/0139	11/07/73	100	6581	3433N	09820W	34.0	151.3	PPPG
1472-16391	00000/0000	10016/0140	11/07/73	80	6581	3307N	09846W	35.1	150.5	PPPG
1472-16394	00000/0000	10016/0141	11/07/73	80	6581	3141N	09912W	36.2	149.7	GPPG
1472-16400	00000/0000	10016/0142	11/07/73	80	6581	3015N	09937W	37.3	148.8	PPPG
1472-16403	00000/0000	10016/0143	11/07/73	90	6581	2850N	10001W	38.4	147.9	PPPG
1472-16405	00000/0000	10016/0144	11/07/73	80	6581	2724N	10024W	39.5	146.9	PPPP
1472-18175	00000/0000	10016/1739	11/07/73	90	6582	4848N	11855W	22.4	158.9	GPPG
1472-18182	00000/0000	10016/1731	11/07/73	90	6582	4723N	11932W	23.6	158.1	P P
1472-18184	00000/0000	10016/1732	11/07/73	90	6582	4558N	12008W	24.7	157.4	P
1472-18191	00000/0000	10016/1733	11/07/73	100	6582	4432N	12042W	25.9	156.7	P
1472-18193	00000/0000	10016/1734	11/07/73	100	6582	4307N	12115W	27.1	156.0	P
1472-18200	00000/0000	10016/1735	11/07/73	100	6582	4142N	12147W	28.3	155.2	P
1472-18202	00000/0000	10016/1736	11/07/73	100	6582	4016N	12217W	29.4	154.5	G
1472-18205	00000/0000	10016/1737	11/07/73	100	6582	3851N	12246W	30.6	153.7	P
1472-18211	00000/0000	10016/1738	11/07/73	90	6582	3725N	12314W	31.7	152.9	G P
1472-18214	00000/0000	10016/1740	11/07/73	70	6582	3600N	12342W	32.9	152.2	GPPG
1473-14573	00000/0000	10016/1773	11/08/73	100	6594	4724N	06923W	23.3	158.2	GGGG
1473-14575	00000/0000	10016/1774	11/08/73	100	6594	4558N	06958W	24.5	157.5	GGGG
1473-14582	00000/0000	10016/1775	11/08/73	90	6594	4433N	07032W	25.7	156.7	GGGG
1473-14584	00000/0000	10016/1776	11/08/73	80	6594	4307N	07104W	26.9	156.0	GGGG
1473-14591	00000/0000	10016/1777	11/08/73	80	6594	4142N	07135W	28.0	155.3	GGGG
1473-14593	00000/0000	10016/1778	11/08/73	80	6594	4016N	07205W	29.2	154.5	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06/73

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0032

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1473-15000	00000/0000	10016/1779	11/08/73	60	6594	3851N	07235W	30.3	153.8		GGGG
1473-15002	00000/0000	10016/1780	11/08/73	40	6594	3725N	07303W	31.5	153.0		GGGG
1473-15005	00000/0000	10016/1781	11/08/73	80	6594	3559N	07331W	32.6	152.2		GGGG
1473-15011	00000/0000	10016/1782	11/08/73	100	6594	3433N	07357W	33.8	151.4		GGGG
1473-15014	00000/0000	10016/1783	11/08/73	100	6594	3308N	07423W	34.9	150.6		GGGG
1473-15020	00000/0000	10016/1784	11/08/73	70	6594	3142N	07449W	36.0	149.8		GGGG
1473-16402	00000/0000	10016/1757	11/08/73	40	6595	4847N	09435W	22.1	158.9		GGGG
1473-16405	00000/0000	10016/1758	11/08/73	10	6595	4723N	09512W	23.3	158.2		GGGG
1473-16411	00000/0000	10016/1759	11/08/73	30	6595	4558N	09547W	24.5	157.5		GP GG
1473-16414	00000/0000	10016/1760	11/08/73	80	6595	4433N	09621W	25.7	156.8		GP G
1473-16420	00000/0000	10016/1755	11/08/73	100	6595	4307N	09653W	26.8	156.0		G G
1473-16423	00000/0000	10016/1756	11/08/73	90	6595	4141N	09724W	28.0	155.3		P P
1473-16425	00000/0000	10016/1761	11/08/73	70	6595	4016N	09755W	29.2	154.6		PP G
1473-16432	00000/0000	10016/1762	11/08/73	100	6595	3850N	09824W	30.3	153.8		PP G
1473-16434	00000/0000	10016/1763	11/08/73	100	6595	3725N	09853W	31.5	153.0		PP G
1473-16441	00000/0000	10016/1764	11/08/73	100	6595	3559N	09921W	32.6	152.3		GP G
1473-16443	00000/0000	10016/1765	11/08/73	90	6595	3433N	09947W	33.7	151.5		GG G
1473-16450	00000/0000	10016/1766	11/08/73	60	6595	3307N	10013W	34.9	150.6		GG G
1473-16452	00000/0000	10016/1767	11/08/73	70	6595	3142N	10039W	36.0	149.8		GG G
1473-16455	00000/0000	10016/1768	11/08/73	60	6595	3016N	10104W	37.1	148.9		GG G
1473-16461	00000/0000	10016/1769	11/08/73	30	6595	2849N	10129W	38.2	148.0		GG G
1473-16464	00000/0000	10016/1770	11/08/73	30	6595	2723N	10152W	39.2	147.1		GG G
1473-18234	00000/0000	10016/1771	11/08/73	60	6596	4848N	12024W	22.1	158.9		P
1473-18240	00000/0000	10016/1772	11/08/73	100	6596	4723N	12101W	23.3	158.2		P
1474-15031	00000/0000	10016/1862	11/09/73	100	6608	4724N	07050W	23.0	158.3		PPGG
1474-15034	00000/0000	10016/1863	11/09/73	100	6608	4559N	07125W	24.2	157.5		PPGG
1474-15040	00000/0000	10016/1864	11/09/73	100	6608	4433N	07159W	25.4	156.8		GGGG
1474-15043	00000/0000	10016/1865	11/09/73	50	6608	4307N	07231W	26.6	156.1		GGPG
1474-15045	00000/0000	10016/1866	11/09/73	30	6608	4142N	07302W	27.8	155.4		GGPG
1474-15052	00000/0000	10016/1867	11/09/73	90	6608	4017N	07332W	28.9	154.6		GGGG
1474-15054	00000/0000	10016/1868	11/09/73	100	6608	3851N	07402W	30.1	153.9		PPGP
1474-15061	00000/0000	10016/1869	11/09/73	100	6608	3725N	07430W	31.2	153.1		GGGP
1474-15063	00000/0000	10016/1870	11/09/73	100	6608	3559N	07458W	32.4	152.4		GGPP
1474-15070	00000/0000	10016/1871	11/09/73	100	6608	3434N	07524W	33.5	151.6		GGGP
1474-15072	00000/0000	10016/1872	11/09/73	100	6608	3308N	07550W	34.6	150.8		GGGG
1474-15075	00000/0000	10016/1873	11/09/73	100	6608	3142N	07616W	35.7	149.9		GGPG
1474-15081	00000/0000	10016/1874	11/09/73	60	6608	3016N	07641W	36.8	149.1		PPGG
1474-15084	00000/0000	10016/1875	11/09/73	10	6608	2850N	07706W	37.9	148.2		GGGG
1474-15090	00000/0000	10016/1876	11/09/73	20	6608	2724N	07730W	39.0	147.2		PPPG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DFC 06.173

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0033

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1474-16460	00000/0000	10016/1846	11/09/73	10	6409	4848N 09600W	21.8	159.0		PP P
1474-16463	00000/0000	10016/1847	11/09/73	10	6409	4722N 09636W	23.0	158.3		PPPP
1474-16465	00000/0000	10016/1848	11/09/73	0	6409	4857N 09711W	24.2	157.5		GGGP
1474-16472	00000/0000	10016/1849	11/09/73	10	6409	4432N 09745W	25.4	156.8		GGPG
1474-16474	00000/0000	10016/1850	11/09/73	10	6409	4307N 09818W	26.6	156.1		GGGG
1474-16481	00000/0000	10016/1851	11/09/73	30	6409	4142N 09849W	27.7	155.4		PPPG
1474-16483	00000/0000	10016/1852	11/09/73	80	6409	4017N 09920W	28.9	154.6		PP
1474-16490	00000/0000	10016/1853	11/09/73	60	6409	3851N 09949W	30.0	153.9		GP P
1474-16492	00000/0000	10016/1854	11/09/73	60	6409	3726N 10018W	31.2	153.1		PP P
1474-16495	00000/0000	10016/1855	11/09/73	90	6409	3600N 10045W	32.3	152.4		P P
1474-16501	00000/0000	10016/1856	11/09/73	100	6409	3434N 10112W	33.5	151.6		P P
1474-16504	00000/0000	10016/1857	11/09/73	100	6409	3309N 10138W	34.6	150.8		G P
1474-16510	00000/0000	10016/1858	11/09/73	100	6409	3142N 10204W	35.7	149.9		PPGP
1474-16513	00000/0000	10016/1859	11/09/73	90	6409	3015N 10229W	36.8	149.1		PPPP
1474-16515	00000/0000	10016/1860	11/09/73	20	6409	2849N 10252W	37.9	148.2		GP P
1474-16522	00000/0000	10016/1861	11/09/73	10	6409	2722N 10315W	39.0	147.3		PP P
1474-18292	00000/0000	10016/1839	11/09/73	100	6410	4848N 12150W	21.8	159.0		G
1474-18295	00000/0000	10016/1845	11/09/73	90	6410	4723N 12226W	23.0	158.3		GP
1474-18301	00000/0000	10016/1840	11/09/73	100	6410	4558N 12301W	24.2	157.5		P
1474-18304	00000/0000	10016/1841	11/09/73	100	6410	4433N 12335W	25.4	156.8		G
1474-18310	00000/0000	10016/1842	11/09/73	100	6410	4308N 12407W	26.5	156.1		G
1474-18313	00000/0000	10016/1843	11/09/73	100	6410	4142N 12439W	27.7	155.4		G
1474-18315	00000/0000	10016/1844	11/09/73	100	6410	4017N 12509W	28.9	154.7		P
1475-15090	00000/0000	10016/1877	11/10/73	90	6422	4722N 07218W	22.8	158.3		PPPG
1475-15092	00000/0000	10016/1878	11/10/73	90	6422	4556N 07253W	23.9	157.6		PPPG
1475-15095	00000/0000	10016/1879	11/10/73	90	6422	4431N 07326W	25.1	156.9		PPPG
1475-15101	00000/0000	10016/1880	11/10/73	30	6422	4306N 07358W	26.3	156.2		PPPG
1475-15104	00000/0000	10016/1881	11/10/73	40	6422	4140N 07429W	27.5	155.4		PPPG
1475-15110	00000/0000	10016/1882	11/10/73	10	6422	4015N 07459W	28.6	154.7		GGPG
1475-15113	00000/0000	10016/1883	11/10/73	20	6422	3850N 07529W	29.8	154.0		PPGG
1475-15115	00000/0000	10016/1884	11/10/73	50	6422	3724N 07558W	31.0	153.2		PPGG
1475-15122	00000/0000	10016/1885	11/10/73	10	6422	3557N 07625W	32.1	152.5		PPPG
1475-15124	00000/0000	10016/1886	11/10/73	30	6422	3431N 07652W	33.2	151.7		PPPG
1475-15131	00000/0000	10016/1887	11/10/73	90	6422	3306N 07718W	34.3	150.9		PPPG
1475-15133	00000/0000	10016/1888	11/10/73	90	6422	3140N 07743W	35.5	150.0		PG
1475-15140	00000/0000	10016/1889	11/10/73	90	6422	3014N 07808W	36.6	149.2		PPPG
1475-15142	00000/0000	10016/1890	11/10/73	100	6422	2848N 07831W	37.7	148.3		PPPG
1475-15145	00000/0000	10016/1891	11/10/73	80	6422	2722N 07855W	38.7	147.4		PPPG
1475-15151	00000/0000	10016/1892	11/10/73	20	6422	2556N 07918W	39.8	146.5		PPPG

KEYS: CLOUD COVER X 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DFC 060173

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0034

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1412-22534	00000/0000	10016/0069	09/08/73	100	5748	5139N 17320E	40.2	150.2		GP P
1414-23042	00000/0000	10016/0115	09/10/73	90	5776	5427N 17156E	37.4	153.3		GGP
1414-23044	00000/0000	10016/0116	09/10/73	90	5776	5303N 17111E	38.5	152.0		GGPG
1414-23051	00000/0000	10016/0117	09/10/73	50	5776	5138N 17029E	39.6	150.7		PGGG
1416-19464	00000/0000	10016/0165	09/12/73	0	5802	6243N 13336W	30.2	161.8		GGGG
1416-19473	00000/0000	10016/0166	09/12/73	0	5802	6000N 13548W	32.4	158.9		GGGG
1427-20472	00000/0000	10016/0225	09/23/73	90	5956	6932N 14138W	20.1	171.9		GG
1427-20475	00000/0000	10016/0226	09/23/73	100	5956	6813N 14328W	21.2	169.9		GP
1427-20481	00000/0000	10016/0227	09/23/73	100	5956	6654N 14507W	22.4	168.2		GG
1427-20484	00000/0000	10016/0228	09/23/73	100	5956	6533N 14637W	23.6	166.5		GP
1427-20490	00000/0000	10016/0229	09/23/73	90	5956	6412N 14758W	24.8	165.0		PG
1427-20493	00000/0000	10016/0230	09/23/73	100	5956	6250N 14913W	26.0	163.6		GG
1427-20495	00000/0000	10016/0231	09/23/73	100	5956	6128N 15022W	27.1	162.2		GG
1427-20502	00000/0000	10016/0232	09/23/73	60	5956	6006N 15125W	28.3	160.9		PG
1427-20504	00000/0000	10016/0233	09/23/73	20	5956	5843N 15224W	29.4	159.7		PP
1427-20511	00000/0000	10016/0222	09/23/73	0	5956	5720N 15318W	30.6	158.5		PPPP
1427-20513	00000/0000	10016/0223	09/23/73	30	5956	5556N 15410W	31.7	157.3		PPP
1427-20520	00000/0000	10016/0224	09/23/73	30	5956	5432N 15458W	32.8	156.2		PPP
1435-19513	00000/0000	10016/0302	10/01/73	60	6067	6409N 13336W	21.8	166.0		P
1435-19520	00000/0000	10016/0303	10/01/73	50	6067	6248N 13450W	23.0	164.7		P
1435-19522	00000/0000	10016/0304	10/01/73	70	6067	6126N 13559W	24.2	163.4		P P
1435-19525	00000/0000	10016/0305	10/01/73	90	6067	6003N 13702W	25.4	162.1		P P
1435-19531	00000/0000	10016/0306	10/01/73	90	6067	5840N 13801W	26.5	161.0		P P
1435-19534	00000/0000	10016/0307	10/01/73	90	6067	5716N 13856W	27.7	159.8		G P
1435-19540	00000/0000	10016/0308	10/01/73	90	6067	5552N 13948W	28.9	158.7		P P
1435-19543	00000/0000	10016/0309	10/01/73	100	6067	5429N 14036W	30.0	157.7		P P
1435-21324	00000/0000	10016/0310	10/01/73	20	6068	7046N 15103W	15.8	174.7		PG G
1435-21331	00000/0000	10016/0311	10/01/73	80	6068	6928N 15307W	17.0	172.6		PP G
1435-21333	00000/0000	10016/0312	10/01/73	100	6068	6810N 15457W	18.2	170.8		P
1435-21340	00000/0000	10016/0313	10/01/73	90	6068	6650N 15635W	19.4	169.0		P
1435-21342	00000/0000	10016/0314	10/01/73	80	6068	6530N 15805W	20.6	167.5		P
1435-21345	00000/0000	10016/0315	10/01/73	80	6068	6409N 15925W	21.8	166.0		PP
1435-21351	00000/0000	10016/0316	10/01/73	80	6068	6247N 16039W	23.0	164.7		PP
1435-21354	00000/0000	10016/0317	10/01/73	70	6068	6125N 16148W	24.2	163.4		GG P
1435-21360	00000/0000	10016/0318	10/01/73	70	6068	6002N 16252W	25.3	162.2		GG P
1435-21363	00000/0000	10016/0319	10/01/73	60	6068	5839N 16351W	26.5	161.0		GPPG
1435-21365	00000/0000	10016/0320	10/01/73	40	6068	5716N 16446W	27.7	159.9		GPPP
1435-21372	00000/0000	10016/0321	10/01/73	70	6068	5552N 16537W	28.8	158.8		PP P
1435-21374	00000/0000	10016/0322	10/01/73	90	6068	5428N 16625W	30.0	157.7		PP P

KEYS: CLOUD COVER % **..... 0 TO 100 * % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1412-22534	00000/0000	10016/0069	09/08/73	100	5748	5139N	17320E	40.2	150.2	GP P
1414-23042	00000/0000	10016/0115	09/10/73	90	5776	5427N	17156E	37.4	153.3	GGP
1414-23044	00000/0000	10016/0116	09/10/73	90	5776	5303N	17111E	38.5	152.0	GGPG
1414-23051	00000/0000	10016/0117	09/10/73	50	5776	5138N	17029E	39.6	150.7	PGGG
1416-19444	00000/0000	10016/0165	09/12/73	0	5802	6243N	13336W	30.2	161.8	GGGG
1416-19473	00000/0000	10016/0166	09/12/73	0	5802	6000N	13548W	32.4	158.9	GGGG
1427-20472	00000/0000	10016/0225	09/23/73	90	5956	6932N	14138W	20.1	171.9	GG
1427-20475	00000/0000	10016/0226	09/23/73	100	5956	6813N	14328W	21.2	169.9	GP
1427-20481	00000/0000	10016/0227	09/23/73	100	5956	6654N	14507W	22.4	168.2	GG
1427-20484	00000/0000	10016/0228	09/23/73	100	5956	6533N	14637W	23.6	166.5	GP
1427-20490	00000/0000	10016/0229	09/23/73	90	5956	6412N	14758W	24.8	165.0	PG
1427-20493	00000/0000	10016/0230	09/23/73	100	5956	6250N	14913W	26.0	163.6	GG
1427-20495	00000/0000	10016/0231	09/23/73	100	5956	6128N	15022W	27.1	162.2	GG
1427-20502	00000/0000	10016/0232	09/23/73	60	5956	6006N	15125W	28.3	160.9	PG
1427-20504	00000/0000	10016/0233	09/23/73	20	5956	5843N	15224W	29.4	159.7	PP
1427-20511	00000/0000	10016/0222	09/23/73	0	5956	5720N	15318W	30.6	158.5	PPPP
1427-20513	00000/0000	10016/0223	09/23/73	30	5956	5556N	15410W	31.7	157.3	PPP
1427-20520	00000/0000	10016/0224	09/23/73	30	5956	5432N	15458W	32.8	156.2	PPP
1435-19513	00000/0000	10016/0302	10/01/73	60	6067	6409N	13336W	21.8	166.0	P
1435-19520	00000/0000	10016/0303	10/01/73	50	6067	6248N	13450W	23.0	164.7	P
1435-19522	00000/0000	10016/0304	10/01/73	70	6067	6126N	13559W	24.2	163.4	P P
1435-19525	00000/0000	10016/0305	10/01/73	90	6067	6003N	13702W	25.4	162.1	P P
1435-19531	00000/0000	10016/0306	10/01/73	90	6067	5840N	13801W	26.5	161.0	P P
1435-19534	00000/0000	10016/0307	10/01/73	90	6067	5716N	13856W	27.7	159.8	G P
1435-19540	00000/0000	10016/0308	10/01/73	90	6067	5552N	13948W	28.9	158.7	P P
1435-19543	00000/0000	10016/0309	10/01/73	100	6067	5429N	14036W	30.0	157.7	P P
1435-21324	00000/0000	10016/0310	10/01/73	20	6068	7046N	15103W	15.8	174.7	PG G
1435-21331	00000/0000	10016/0311	10/01/73	80	6068	6928N	15307W	17.0	172.6	PP G
1435-21333	00000/0000	10016/0312	10/01/73	100	6068	6810N	15457W	18.2	170.8	P
1435-21340	00000/0000	10016/0313	10/01/73	90	6068	6650N	15635W	19.4	169.0	P
1435-21342	00000/0000	10016/0314	10/01/73	80	6068	6530N	15805W	20.6	167.5	P
1435-21345	00000/0000	10016/0315	10/01/73	80	6068	6409N	15925W	21.8	166.0	PP
1435-21351	00000/0000	10016/0316	10/01/73	80	6068	6247N	16039W	23.0	164.7	PP
1435-21354	00000/0000	10016/0317	10/01/73	70	6068	6125N	16148W	24.2	163.4	GG P
1435-21360	00000/0000	10016/0318	10/01/73	70	6068	6002N	16252W	25.3	162.2	GG P
1435-21363	00000/0000	10016/0319	10/01/73	60	6068	5839N	16351W	26.5	161.0	GPPG
1435-21365	00000/0000	10016/0320	10/01/73	40	6068	5716N	16446W	27.7	159.9	GPPP
1435-21372	00000/0000	10016/0321	10/01/73	70	6068	5552N	16537W	28.8	158.8	PP P
1435-21374	00000/0000	10016/0322	10/01/73	90	6068	5428N	16625W	30.0	157.7	PP P

KEYS: CLOUD COVER * 0 TO 100 * = CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS= BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1435-21381	00000/0000	10016/0323	10/01/73	50	6068	5304N	16710W	21.1	156.6	Pp
1436-19585	00000/0000	10016/0348	10/02/73	40	6081	5342N	13927W	26.1	161.2	Pp P
1436-19592	00000/0000	10016/0349	10/02/73	80	6081	5719N	14021W	27.3	160.0	Pp P
1436-19594	00000/0000	10016/0350	10/02/73	60	6081	5555N	14111W	28.5	158.9	Pp P
1436-20001	00000/0000	10016/0351	10/02/73	60	6081	5431N	14159W	29.6	157.9	Pp P
1436-21391	00000/0000	10016/0352	10/02/73	70	6082	6812N	15619W	17.8	170.9	Pp
1436-21394	00000/0000	10016/0353	10/02/73	80	6082	6632N	15758W	19.0	169.2	Pp
1436-21400	00000/0000	10016/0354	10/02/73	90	6082	6332N	15927W	20.2	167.6	Pp
1436-21403	00000/0000	10016/0355	10/02/73	90	6082	6411N	16049W	21.4	166.2	Pp
1436-21405	00000/0000	10016/0356	10/02/73	90	6082	6249N	16202W	22.6	164.8	Pp
1436-21412	00000/0000	10016/0357	10/02/73	90	6082	6127N	16311W	23.8	163.5	Pp
1436-21414	00000/0000	10016/0358	10/02/73	100	6082	6005N	16414W	24.9	162.3	Pp
1436-21421	00000/0000	10016/0359	10/02/73	90	6082	5842N	16514W	26.1	161.2	Pp
1436-21423	00000/0000	10016/0360	10/02/73	80	6082	5718N	16609W	27.3	160.0	Pp
1436-21430	00000/0000	10016/0361	10/02/73	90	6082	5555N	16701W	28.5	158.9	Gp P
1436-21432	00000/0000	10016/0362	10/02/73	90	6082	5431N	16748W	29.6	157.9	Gp P
1436-21435	00000/0000	10016/0363	10/02/73	60	6082	5304N	16833W	30.7	156.8	Gg
1443-20353	00000/0000	10016/1005	10/09/73	40	6179	6932N	13836W	13.9	173.4	Gggg
1443-20360	00000/0000	10016/1009	10/09/73	60	6179	6813N	14029W	15.1	171.6	Gggg
1443-20362	00000/0000	10016/1010	10/09/73	70	6179	6653N	14210W	16.3	169.9	Gggg
1443-20365	00000/0000	10016/1011	10/09/73	90	6179	6533N	14340W	17.5	168.5	Ggpp
1443-20371	00000/0000	10016/1012	10/09/73	100	6179	6412N	14502W	18.8	167.0	Ggpp
1443-20374	00000/0000	10016/1013	10/09/73	100	6179	6250N	14616W	20.0	165.7	Pggp
1443-20380	00000/0000	10016/1014	10/09/73	80	6179	6129N	14723W	21.2	164.5	Pgpg
1443-20383	00000/0000	10016/1015	10/09/73	50	6179	6006N	14826W	22.3	163.3	Gggg
1443-20385	00000/0000	10016/1016	10/09/73	20	6179	5843N	14924W	23.5	162.2	Gggg
1443-20392	00000/0000	10016/1017	10/09/73	10	6179	5720N	15019W	24.7	161.1	Gggg
1443-20394	00000/0000	10016/1018	10/09/73	50	6179	5556N	15111W	25.9	160.1	Ggpg
1443-22182	00000/0000	10016/1019	10/09/73	90	6180	7052N	16218W	12.6	175.6	Ggpg
1443-22185	00000/0000	10016/1020	10/09/73	80	6180	6934N	16421W	13.9	173.5	Gggg
1443-22191	00000/0000	10016/1021	10/09/73	80	6180	6816N	16611W	15.1	171.7	Gggg
1443-22194	00000/0000	10016/1022	10/09/73	80	6180	6656N	16752W	16.3	170.0	Gggg
1443-22200	00000/0000	10016/1023	10/09/73	70	6180	6535N	16923W	17.5	168.5	Gggg
1443-22203	00000/0000	10016/1024	10/09/73	70	6180	6415N	17046W	18.7	167.1	Gggg
1443-22205	00000/0000	10016/1025	10/09/73	80	6180	6253N	17201W	19.9	165.8	Gggg
1443-22212	00000/0000	10016/1026	10/09/73	90	6180	6131N	17310W	21.1	164.5	Ggpp
1443-22214	00000/0000	10016/1027	10/09/73	100	6180	6009N	17413W	22.3	163.4	Ggpp
1443-22221	00000/0000	10016/1028	10/09/73	100	6180	5845N	17512W	23.5	162.2	Ggpp
1443-22223	00000/0000	10016/1029	10/09/73	90	6180	5722N	17607W	24.7	161.2	Gggg

KEYS: CLOUD COVER * 00000000000000 0 TO 100 * CLOUD COVER. ** * NO CLOUD DATA AVAILABLE.
IMAGE QUALITY 0000000000000000 BLANKS-BAND NOT PRESENT/REQUESTED. RECYCLED: GGGG, F, FAIR BUT USABLE, P, POOR.

15154 DFC 06/73

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0037

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MS 45678
1443-22230	00000/0000	10016/1030	10/09/73	90	6180	5558N 17659W	25.8	160.1		GGGG
1443-22232	00000/0000	10016/1031	10/09/73	90	6180	5434N 17747W	27.0	159.1		GGGG
1443-22235	00000/0000	10016/1032	10/09/73	90	6180	5311N 17832W	28.2	158.2		GGGG
1443-22241	00000/0000	10016/1033	10/09/73	80	6180	5147N 17916W	29.3	157.2		GGGG
1446-19131	00000/0000	10016/0428	10/12/73	90	6220	5721N 12846W	23.6	161.5		GGP
1446-19133	00000/0000	10016/0437	10/12/73	90	6220	5557N 12938W	24.8	160.5		P
1446-19140	00000/0000	10016/0429	10/12/73	80	6220	5433N 13027W	26.0	159.6		PPP
1446-20524	00000/0000	10016/0425	10/12/73	40	6221	6933N 14251W	12.8	173.7		P PP
1446-20530	00000/0000	10016/0438	10/12/73	20	6221	6814N 14442W	14.0	171.9		PG
1446-20533	00000/0000	10016/0439	10/12/73	20	6221	6654N 14622W	15.2	170.2		PG
1446-20535	00000/0000	10016/0440	10/12/73	60	6221	6534N 14751W	16.4	168.7		PG
1446-20542	00000/0000	10016/0430	10/12/73	50	6221	6413N 14913W	17.6	167.3		PPG
1446-20544	00000/0000	10016/0431	10/12/73	30	6221	6252N 15028W	18.8	166.0		PP
1446-20551	00000/0000	10016/0432	10/12/73	20	6221	6129N 15136W	20.0	164.8		PPG
1446-20553	00000/0000	10016/0433	10/12/73	30	6221	6007N 15239W	21.2	163.7		PPPG
1446-20560	00000/0000	10016/0434	10/12/73	40	6221	5844N 15338W	22.4	162.6		PPPG
1446-20562	00000/0000	10016/0435	10/12/73	10	6221	5720N 15434W	23.6	161.6		GGP
1446-20565	00000/0000	10016/0436	10/12/73	30	6221	5557N 15526W	24.8	160.5		PPPG
1446-22405	00000/0000	10016/0426	10/12/73	20	6222	5307N 17708E	27.1	158.6		G PG
1446-22412	00000/0000	10016/0427	10/12/73	80	6222	5143N 17625E	28.3	157.7		P PP
1447-19182	00000/0000	10016/0465	10/13/73	10	6234	5842N 12920W	22.1	162.7		G
1447-19185	00000/0000	10016/0463	10/13/73	10	6234	5719N 13015W	23.3	161.7		PG
1447-19191	00000/0000	10016/0466	10/13/73	80	6234	5558N 13106W	24.5	160.7		G
1447-19194	00000/0000	10016/0467	10/13/73	90	6234	5431N 13155W	25.7	159.7		P
1447-20582	00000/0000	10016/0468	10/13/73	10	6235	6934N 14417W	12.4	173.8		P
1447-20584	00000/0000	10016/0469	10/13/73	20	6235	6815N 14608W	13.6	172.0		G
1447-20591	00000/0000	10016/0470	10/13/73	30	6235	6656N 14748W	14.8	170.3		G
1447-20593	00000/0000	10016/0471	10/13/73	60	6235	6536N 14919W	16.0	168.8		G
1447-21000	00000/0000	10016/0472	10/13/73	40	6235	6414N 15041W	17.2	167.4		G
1447-21002	00000/0000	10016/0473	10/13/73	20	6235	6254N 15155W	18.5	166.2		G
1447-21005	00000/0000	10016/0474	10/13/73	20	6235	6131N 15303W	19.7	165.0		G
1447-21011	00000/0000	10016/0464	10/13/73	10	6235	6008N 15407W	20.9	163.8		PG
1447-21014	00000/0000	10016/0458	10/13/73	30	6235	5845N 15506W	22.1	162.7		PPG
1447-21020	00000/0000	10016/0459	10/13/73	20	6235	5722N 15601W	23.2	161.7		PPG
1447-21023	00000/0000	10016/0475	10/13/73	60	6235	5558N 15653W	24.4	160.7		G
1447-21025	00000/0000	10016/0460	10/13/73	60	6235	5434N 15741W	25.6	159.7		PPG
1447-22464	00000/0000	10016/0462	10/13/73	90	6236	5309N 17543E	26.8	158.8		PPG
1447-22470	00000/0000	10016/0577	10/13/73	0	6236	5143N 17459E	27.9	157.8		GGGG
1448-19241	00000/0000	10016/0542	10/14/73	60	6248	5844N 13044W	21.7	162.8		GGGG

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS, BAND NOT PRESENT/REQUESTED, RECYCLED, GGGG, F, FAIR BUT USABLE, P, POOR.

15155 DEC 06/73

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0038

OBSERVATION ID	MICROFILM POSITION REV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE REV 123	QUALITY MSS 48678
1448-19243	00000/0000	10016/0543	10/14/73	90	6248	5720N 13138W	22.9	161.8		PPPG
1448-19250	00000/0000	10016/0544	10/14/73	100	6248	5557N 13230W	24.1	160.8		PPPG
1448-19252	00000/0000	10016/0545	10/14/73	90	6248	5433N 13318W	25.3	159.8		PPPG
1448-21034	00000/0000	10016/0546	10/14/73	0	6249	7050N 14338W	10.8	175.8		GGPG
1448-21040	00000/0000	10016/0547	10/14/73	10	6249	6933N 14542W	12.0	173.8		PGPG
1448-21043	00000/0000	10016/0548	10/14/73	20	6249	6814N 14733W	13.3	172.0		PGPG
1448-21045	00000/0000	10016/0549	10/14/73	0	6249	6655N 14914W	14.5	170.4		PGPG
1448-21052	00000/0000	10016/0550	10/14/73	10	6249	6534N 15045W	15.7	168.9		PGPG
1448-21054	00000/0000	10016/0551	10/14/73	10	6249	6413N 15207W	16.9	167.5		PGPG
1448-21061	00000/0000	10016/0552	10/14/73	10	6249	6251N 15323W	18.1	166.2		PGPG
1448-21063	00000/0000	10016/0553	10/14/73	10	6249	6129N 15432W	19.3	165.0		PGGG
1448-21070	00000/0000	10016/0554	10/14/73	10	6249	6006N 15535W	20.5	163.9		PGPG
1448-21072	00000/0000	10016/0555	10/14/73	40	6249	5843N 15634W	21.7	162.8		PGPG
1448-21075	00000/0000	10016/0556	10/14/73	40	6249	5719N 15729W	22.9	161.8		GGGG
1448-21081	00000/0000	10016/0557	10/14/73	30	6249	5556N 15820W	24.1	160.8		PGGG
1448-21084	00000/0000	10016/0558	10/14/73	30	6249	5432N 15907W	25.3	159.8		PGGG
1448-22522	00000/0000	10016/0575	10/14/73	30	6250	5308N 17419E	26.4	158.9		GGGG
1448-22524	00000/0000	10016/0576	10/14/73	100	6250	5144N 17335E	27.6	158.0		GGGG
1449-19295	00000/0000	10016/0510	10/15/73	90	6262	5841N 13211W	21.4	162.9		GP
1449-19301	00000/0000	10016/0511	10/15/73	90	6262	5718N 13306W	22.6	161.9		GGPP
1449-19304	00000/0000	10016/0512	10/15/73	100	6262	5554N 13357W	23.8	160.9		PPPP
1449-19310	00000/0000	10016/0513	10/15/73	60	6262	5431N 13444W	25.0	160.0		GGPP
1449-21092	00000/0000	10016/0514	10/15/73	0	6263	7051N 14501W	10.4	175.9		GGGG
1449-21094	00000/0000	10016/0515	10/15/73	0	6263	6934N 14708W	11.7	173.9		GGGG
1449-21101	00000/0000	10016/0516	10/15/73	0	6263	6815N 14901W	12.9	172.1		GGGG
1449-21103	00000/0000	10016/0517	10/15/73	0	6263	6656N 15041W	14.1	170.5		GGGG
1449-21110	00000/0000	10016/0518	10/15/73	0	6263	6536N 15211W	15.3	169.0		GPGG
1449-21112	00000/0000	10016/0519	10/15/73	0	6263	6415N 15333W	16.5	167.6		GPGG
1449-21115	00000/0000	10016/0520	10/15/73	0	6263	6254N 15448W	17.7	166.3		GGGG
1449-21121	00000/0000	10016/0521	10/15/73	0	6263	6132N 15558W	18.9	165.2		GGGG
1449-21124	00000/0000	10016/0522	10/15/73	20	6263	6008N 15702W	20.1	164.0		GGGG
1449-21130	00000/0000	10016/0523	10/15/73	10	6263	5845N 15800W	21.3	163.0		GGGG
1449-21133	00000/0000	10016/0524	10/15/73	10	6263	5722N 15855W	22.5	161.9		GGPP
1449-21135	00000/0000	10016/0525	10/15/73	20	6263	5558N 15946W	23.7	161.0		GGPG
1449-21142	00000/0000	10016/0526	10/15/73	40	6263	5433N 16033W	24.9	160.0		GPGG
1449-22540	00000/0000	10016/0531	10/15/73	90	6264	5309N 17250E	26.1	159.1		GGGG
1449-22543	00000/0000	10016/0532	10/15/73	90	6264	5145N 17207E	27.2	158.1		GGGG
1450-19344	00000/0000	10016/0523	10/16/73	70	6276	6129N 13133W	18.6	168.2		PPPP
1450-19351	00000/0000	10016/0524	10/16/73	30	6276	6006N 13236W	19.8	164.1		PPPP

KEYS: CLOUD COVER % 0000000000000000 0 TO 100 % CLOUD COVER. ** NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY 0000000000000000 BLANKS BAND NOT PRESENT/REQUESTED, RECYCLED, GOOD, FAIR BUT USABLE, POOR.

15154 DEC 06, 1973

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0039

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV MSS 129 48678	
1450-19353	00000/0000	10016/0725	10/16/73	50	6276	5843N	13335W	21.0 163.1	PPPP
1450-19360	00000/0000	10016/0726	10/16/73	50	6276	5720N	13429W	22.2 162.0	PPPP
1450-19362	00000/0000	10016/0727	10/16/73	50	6276	5556N	13521W	23.4 161.1	PPPP
1450-21150	00000/0000	10016/0728	10/16/73	100	6277	7049N	14632W	10.1 175.9	PPPP
1450-21153	00000/0000	10016/0729	10/16/73	100	6277	6932N	14837W	11.3 173.9	PPPP
1450-21155	00000/0000	10016/0730	10/16/73	100	6277	6813N	15027W	12.5 172.1	PPPP
1450-21162	00000/0000	10016/0731	10/16/73	50	6277	6654N	15206W	13.8 170.5	PPPP
1450-21164	00000/0000	10016/0732	10/16/73	90	6277	6533N	15337W	15.0 169.0	PPPP
1450-21171	00000/0000	10016/0733	10/16/73	100	6277	6412N	15459W	16.2 167.7	PPPP
1450-21173	00000/0000	10016/0734	10/16/73	100	6277	6250N	15614W	17.4 166.4	PPPP
1450-21180	00000/0000	10016/0735	10/16/73	100	6277	6128N	15724W	18.6 165.2	PPPP
1450-21182	00000/0000	10016/0736	10/16/73	100	6277	6006N	15827W	19.8 164.1	PPPP
1450-21185	00000/0000	10016/0737	10/16/73	100	6277	5843N	15926W	21.0 163.1	PPPP
1450-21191	00000/0000	10016/0738	10/16/73	100	6277	5719N	16021W	22.2 162.0	PPPP
1450-21194	00000/0000	10016/0739	10/16/73	100	6277	5556N	16112W	23.4 161.1	PPPP
1450-21200	00000/0000	10016/0740	10/16/73	100	6277	5432N	16200W	24.6 160.1	PPPP
1450-23032	00000/0000	10016/0843	10/16/73	30	6278	5432N	17210E	24.6 160.1	PPPP
1450-23034	00000/0000	10016/0844	10/16/73	30	6278	5307N	17125E	25.8 159.2	PPPP
1451-19402	00000/0000	10016/0753	10/17/73	40	6290	6130N	13259W	18.2 165.3	GP GP
1451-19405	00000/0000	10016/0754	10/17/73	0	6290	6007N	13403W	19.4 164.2	GP GP
1451-19411	00000/0000	10016/0755	10/17/73	0	6290	5845N	13502W	20.7 163.2	GP GP
1451-19414	00000/0000	10016/0756	10/17/73	0	6290	5721N	13557W	21.8 162.2	GP GP
1451-19420	00000/0000	10016/0757	10/17/73	40	6290	5557N	13648W	23.0 161.2	GGGG
1451-21204	00000/0000	10016/0758	10/17/73	50	6291	7051N	14757W	9.7 176.0	GGGG
1451-21211	00000/0000	10016/0759	10/17/73	40	6291	6933N	15002W	10.9 174.0	GP GP
1451-21213	00000/0000	10016/0760	10/17/73	50	6291	6815N	15154W	12.2 172.2	GP GP
1451-21220	00000/0000	10016/0761	10/17/73	100	6291	6655N	15333W	13.4 170.6	GP GP
1451-21222	00000/0000	10016/0762	10/17/73	90	6291	6535N	15502W	14.6 169.1	GP GP
1451-21225	00000/0000	10016/0763	10/17/73	100	6291	6414N	15623W	15.8 167.8	GPP
1451-21231	00000/0000	10016/0764	10/17/73	90	6291	6252N	15738W	17.0 166.5	GGG
1451-21234	00000/0000	10016/0765	10/17/73	80	6291	6130N	15847W	18.2 165.3	GGP
1451-21240	00000/0000	10016/0766	10/17/73	90	6291	6007N	15951W	19.4 164.2	GP GP
1451-21243	00000/0000	10016/0767	10/17/73	90	6291	5844N	16050W	20.6 163.2	GP GP
1451-21245	00000/0000	10016/0768	10/17/73	80	6291	5721N	16145W	21.8 162.2	GP GP
1451-21252	00000/0000	10016/0769	10/17/73	80	6291	5557N	16237W	23.0 161.2	GGGG
1451-21254	00000/0000	10016/0770	10/17/73	70	6291	5433N	16325W	24.2 160.3	GGGP
1452-19463	00000/0000	10016/0791	10/18/73	80	6304	6006N	13526W	19.1 164.3	GGGP
1452-19470	00000/0000	10016/0792	10/18/73	90	6304	5843N	13625W	20.3 163.3	GGGG
1452-19472	00000/0000	10016/0793	10/18/73	50	6304	5719N	13720W	21.5 162.3	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED; R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

[illegible]

1452=21263	00000/0000	10016/0794	10/18/73	90	6305	7048N	14922W	9.4	176.0	GGGG
1452=21265	00000/0000	10016/0795	10/18/73	100	6305	6931N	15127W	10.6	174.0	GGGG
1452=21272	00000/0000	10016/0796	10/18/73	80	6305	6812N	15318W	11.8	172.3	GGGG
1452=21274	00000/0000	10016/0797	10/18/73	90	6305	6653N	15457W	13.0	170.7	GGGG
1452=21281	00000/0000	10016/0798	10/18/73	90	6305	6533N	15627W	14.3	169.2	GGGG
1452=21283	00000/0000	10016/0799	10/18/73	90	6305	6412N	15749W	15.5	167.8	GGGG
1452=21290	00000/0000	10016/0800	10/18/73	90	6305	6250N	15905W	16.7	166.6	GGGG
1452=21292	00000/0000	10016/0801	10/18/73	90	6305	6128N	16014W	17.9	165.4	GGGP
1452=21295	00000/0000	10016/0802	10/18/73	100	6305	6005N	16118W	19.1	164.3	GGGG
1452=21301	00000/0000	10016/0803	10/18/73	80	6305	5842N	16217W	20.3	163.3	GGGG
1452=21304	00000/0000	10016/0804	10/18/73	70	6305	5719N	16312W	21.5	162.3	GGGG
1452=21310	00000/0000	10016/0805	10/18/73	70	6305	5555N	16403W	22.7	161.3	GGGG
1452=21313	00000/0000	10016/0806	10/18/73	70	6305	5431N	16451W	23.9	160.4	GGGG
1452=21315	00000/0000	10016/0807	10/18/73	50	6305	5307N	16537W	25.1	159.5	GGGG
1453=19510	00000/0000	10016/0899	10/19/73	40	6318	6414N	13327W	15.1	167.9	GGGG
1453=19512	00000/0000	10016/0900	10/19/73	50	6318	6253N	13441W	16.3	166.7	GGGG
1453=19515	00000/0000	10016/0901	10/19/73	80	6318	6131N	13550W	17.5	165.5	GGGG
1453=19521	00000/0000	10016/0902	10/19/73	100	6318	6008N	13654W	18.7	164.4	GGGG
1453=19524	00000/0000	10016/0903	10/19/73	100	6318	5844N	13753W	20.0	163.4	GGGG
1453=19530	00000/0000	10016/0904	10/19/73	90	6318	5721N	13847W	21.2	162.4	GGGG
1453=19533	00000/0000	10016/0905	10/19/73	70	6318	5557N	13938W	22.3	161.4	GGGG
1453=19535	00000/0000	10016/0906	10/19/73	70	6318	5433N	14027W	23.5	160.5	GGGG
1453=21321	00000/0000	10016/0907	10/19/73	0	6319	7050N	15044W	9.0	176.1	GGGG
1453=21323	00000/0000	10016/0908	10/19/73	10	6319	6932N	15250W	10.2	174.1	GGGG
1453=21330	00000/0000	10016/0909	10/19/73	20	6319	6814N	15442W	11.4	172.4	GGGG
1453=21332	00000/0000	10016/0910	10/19/73	10	6319	6654N	15622W	12.7	170.7	GGGG
1453=21335	00000/0000	10016/0911	10/19/73	20	6319	6534N	15752W	13.9	169.3	GGGG
1453=21341	00000/0000	10016/0912	10/19/73	10	6319	6413N	15915W	15.1	167.9	GGGG
1453=21344	00000/0000	10016/0913	10/19/73	10	6319	6252N	16030W	16.3	166.7	GGGG
1453=21350	00000/0000	10016/0914	10/19/73	0	6319	6130N	16139W	17.5	165.5	GGGG
1453=21353	00000/0000	10016/0915	10/19/73	10	6319	6007N	16243W	18.7	164.4	GGGG
1453=21355	00000/0000	10016/0916	10/19/73	30	6319	5844N	16343W	19.9	163.4	GGGG
1453=21362	00000/0000	10016/0917	10/19/							

KEYS: CLOUD COVER % ***** 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ***** BLANKS, BAND NOT PRESENT/REQUESTED, RECYCLED, GOOD, FAIR BUT USABLE, POOR.

15:54 DEC 06/73

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 00 41

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE QUALITY	
					LAT	LONG			RBV 123	MSS 45678
1454-19580	00000/0000	10016/0989	10/20/73	70	6332	6005N	13822W	18.4	164.5	GGGG
1454-19582	00000/0000	10016/0990	10/20/73	70	6332	5842N	13921W	19.6	163.5	GGGG
1454-19585	00000/0000	10016/0991	10/20/73	60	6332	5718N	14016W	20.8	162.5	GGGG
1454-19591	00000/0000	10016/0992	10/20/73	70	6332	5555N	14107W	22.0	161.5	GGGG
1454-19594	00000/0000	10016/0993	10/20/73	70	6332	5430N	14155W	23.2	160.6	GGGG
1454-21375	00000/0000	10016/0994	10/20/73	90	6333	7048N	15215W	8.7	176.1	GGGG
1454-21382	00000/0000	10016/0995	10/20/73	80	6333	6430N	15419W	9.9	174.1	GGGP
1454-21384	00000/0000	10016/0996	10/20/73	70	6333	6812N	15610W	11.1	172.4	GGGG
1454-21391	00000/0000	10016/0997	10/20/73	40	6333	6653N	15750W	12.3	170.8	GGGG
1454-21393	00000/0000	10016/0998	10/20/73	50	6333	6532N	15920W	13.6	169.3	GGGG
1454-21400	00000/0000	10016/0999	10/20/73	60	6333	6411N	16042W	14.8	168.0	GGGG
1454-21402	00000/0000	10016/1000	10/20/73	50	6333	6249N	16157W	16.0	166.7	GGGG
1454-21405	00000/0000	10016/1001	10/20/73	50	6333	6127N	16305W	17.2	165.6	GGGG
1454-21411	00000/0000	10016/1002	10/20/73	70	6333	6005N	16409W	18.4	164.5	GGGG
1454-21414	00000/0000	10016/1003	10/20/73	100	6333	5842N	16508W	19.6	163.5	GGGG
1454-21420	00000/0000	10016/1004	10/20/73	100	6333	5718N	16603W	20.8	162.5	GGGG
1454-21423	00000/0000	10016/1005	10/20/73	90	6333	5555N	16654W	22.0	161.5	GGGG
1454-21425	00000/0000	10016/1006	10/20/73	90	6333	5431N	16742W	23.2	160.6	GGGG
1454-21432	00000/0000	10016/1007	10/20/73	90	6333	5307N	16827W	24.4	159.7	GGGP
1455-20022	00000/0000	10016/1067	10/21/73	0	6346	6414N	13618W	14.4	168.1	GGGG
1455-20025	00000/0000	10016/1068	10/21/73	10	6346	6251N	13734W	15.6	166.8	GGGG
1455-20031	00000/0000	10016/1069	10/21/73	30	6346	6129N	13842W	16.8	165.7	GGGG
1455-20034	00000/0000	10016/1070	10/21/73	10	6346	6006N	13945W	18.1	164.6	GGGG
1455-20040	00000/0000	10016/1071	10/21/73	10	6346	5844N	14044W	19.3	163.6	PGGG
1455-20043	00000/0000	10016/1072	10/21/73	10	6346	5720N	14139W	20.5	162.6	GGGG
1455-20045	00000/0000	10016/1073	10/21/73	10	6346	5557N	14231W	21.7	161.5	GGGG
1455-20052	00000/0000	10016/1074	10/21/73	10	6346	5432N	14320W	22.9	160.7	GGGG
1455-21433	00000/0000	10016/1075	10/21/73	10	6347	7048N	15340W	8.3	176.2	GGGP
1455-21440	00000/0000	10016/1076	10/21/73	10	6347	6931N	15544W	9.5	174.2	GGGG
1455-21442	00000/0000	10016/1077	10/21/73	0	6347	6813N	15736W	10.7	172.4	GGGG
1455-21445	00000/0000	10016/1078	10/21/73	10	6347	6653N	15915W	12.0	170.9	GGGG
1455-21451	00000/0000	10016/1079	10/21/73	10	6347	6533N	16046W	13.2	169.4	GGGG
1455-21454	00000/0000	10016/1080	10/21/73	10	6347	6412N	16208W	14.4	168.1	GGGG
1455-21460	00000/0000	10016/1081	10/21/73	10	6347	6250N	16323W	15.6	166.8	GGGG
1455-21463	00000/0000	10016/1082	10/21/73	20	6347	6128N	16431W	16.8	165.7	GGGP
1455-21465	00000/0000	10016/1083	10/21/73	60	6347	6006N	16535W	18.0	164.6	GGG
1455-21472	00000/0000	10016/1084	10/21/73	90	6347	5843N	16634W	19.3	163.6	GGG
1455-21474	00000/0000	10016/1085	10/21/73	90	6347	5719N	16728W	20.5	162.6	GGG
1455-21481	00000/0000	10016/1086	10/21/73	80	6347	5555N	16819W	21.7	161.6	GGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1455-21483	00000/0000	10016/1087	10/21/73	80	6347	5431N 16908W	22.9	160.7		GPG
1455-21490	00000/0000	10016/1088	10/21/73	80	6347	5307N 16953W	24.0	159.8		GPG
1455-21492	00000/0000	10016/1089	10/21/73	80	6347	5143N 17037W	25.2	159.0		GPG
1456-20074	00000/0000	10016/1125	10/22/73	0	6360	6536N 13624W	12.8	169.5		GGG
1456-20081	00000/0000	10016/1126	10/22/73	0	6360	6414N 13747W	14.1	168.2		GGG
1456-20083	00000/0000	10016/1127	10/22/73	0	6360	6253N 13902W	15.3	166.9		GGGP
1456-20090	00000/0000	10016/1128	10/22/73	0	6360	6130N 14010W	16.5	165.8		GGGP
1456-20092	00000/0000	10016/1129	10/22/73	0	6360	6007N 14112W	17.7	164.7		GGGP
1456-20095	00000/0000	10016/1130	10/22/73	10	6360	5844N 14210W	18.9	163.7		GGGP
1456-20101	00000/0000	10016/1131	10/22/73	20	6360	5721N 14304W	20.1	162.7		GGGP
1456-20104	00000/0000	10016/1132	10/22/73	10	6360	5557N 14356W	21.3	161.8		GGG
1456-20110	00000/0000	10016/1133	10/22/73	10	6360	5433N 14445W	22.5	160.8		GGG
1456-21492	00000/0000	10016/1134	10/22/73	0	6361	7050N 15506W	7.9	176.3		GGG
1456-21494	00000/0000	10016/1135	10/22/73	0	6361	6932N 15711W	9.1	174.3		GGG
1456-21501	00000/0000	10016/1136	10/22/73	0	6361	6814N 15902W	10.4	172.5		GGG
1456-21503	00000/0000	10016/1137	10/22/73	20	6361	6654N 16041W	11.6	170.9		GGG
1456-21510	00000/0000	10016/1138	10/22/73	40	6361	6534N 16211W	12.8	169.5		GGG
1456-21512	00000/0000	10016/1139	10/22/73	60	6361	6413N 16332W	14.0	168.1		GGG
1456-21515	00000/0000	10016/1140	10/22/73	50	6361	6251N 16447W	15.3	166.9		GGG
1456-21521	00000/0000	10016/1141	10/22/73	70	6361	6129N 16556W	16.5	165.8		GGG
1456-21524	00000/0000	10016/1142	10/22/73	60	6361	6007N 16700W	17.7	164.7		GGG
1456-21530	00000/0000	10016/1143	10/22/73	40	6361	5843N 16800W	18.9	163.7		GPG
1456-21533	00000/0000	10016/1144	10/22/73	30	6361	5720N 16855W	20.1	162.7		GPG
1456-21535	00000/0000	10016/1145	10/22/73	70	6361	5557N 16947W	21.3	161.8		GGG
1456-21542	00000/0000	10016/1146	10/22/73	50	6361	5433N 17034W	22.5	160.8		GGG
1456-21544	00000/0000	10016/1147	10/22/73	70	6361	5308N 17119W	23.7	160.0		GGG
1456-21551	00000/0000	10016/1148	10/22/73	90	6361	5144N 17202W	24.9	159.1		GGG
1457-20130	00000/0000	10016/1170	10/23/73	0	6374	6653N 13619W	11.3	170.9		GGG
1457-20132	00000/0000	10016/1171	10/23/73	0	6374	6532N 13749W	12.5	169.5		GGG
1457-20135	00000/0000	10016/1179	10/23/73	70	6374	6411N 13910W	13.7	168.2		PG
1457-20141	00000/0000	10016/1180	10/23/73	90	6374	6250N 14024W	15.0	167.0		PG
1457-20144	00000/0000	10016/1181	10/23/73	0	6374	6128N 14133W	16.2	165.8		GG
1457-20150	00000/0000	10016/1182	10/23/73	0	6374	6005N 14237W	17.4	164.7		GG
1457-20153	00000/0000	10016/1182	10/23/73	10	6374	5842N 14336W	18.6	163.7		PQPG
1457-20155	00000/0000	10016/1173	10/23/73	30	6374	5718N 14431W	19.8	162.8		PGG
1457-20162	00000/0000	10016/1174	10/23/73	30	6374	5555N 14523W	21.0	161.8		PGG
1457-20164	00000/0000	10016/1183	10/23/73	60	6374	5430N 14612W	22.2	160.9		PG
1457-21550	00000/0000	10016/1189	10/23/73	30	6375	7047N 15633W	7.6	176.2		G
1457-21552	00000/0000	10016/1190	10/23/73	0	6375	6930N 15838W	8.8	174.3		G

KEYS: CLOUD COVER % 000000000000 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY 000000000000 BLANKS/BAND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15:56 DEC 06 1973

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 00.43

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1457-21555	00000/0000	10016/1191	10/23/73	0	6375	6811N 16029W	10.1	172.8		G
1457-21561	00000/0000	10016/1192	10/23/73	10	6375	6652N 16209W	11.3	170.9		G
1457-21564	00000/0000	10016/1193	10/23/73	30	6375	6532N 16339W	12.5	169.5		P
1457-21570	00000/0000	10016/1194	10/23/73	40	6375	6411N 16501W	13.7	168.2		G
1457-21573	00000/0000	10016/1195	10/23/73	70	6375	6249N 16616W	14.9	167.0		G
1457-21575	00000/0000	10016/1184	10/23/73	60	6375	6127N 16725W	16.2	165.8		PG
1457-21582	00000/0000	10016/1185	10/23/73	80	6375	6004N 16828W	17.4	164.7		PG
1457-21584	00000/0000	10016/1186	10/23/73	80	6375	5841N 16927W	18.6	163.7		PG
1457-21591	00000/0000	10016/1175	10/23/73	50	6375	5718N 17022W	19.8	162.8		PGG
1457-21593	00000/0000	10016/1176	10/23/73	40	6375	5554N 17113W	21.0	161.8		PGG
1457-22000	00000/0000	10016/1187	10/23/73	60	6375	5430N 17201W	22.2	160.9		PG
1457-22002	00000/0000	10016/1188	10/23/73	90	6375	5306N 17246W	23.4	160.0		PG
1457-22005	00000/0000	10016/1196	10/23/73	100	6375	5141N 17329W	24.6	159.2		G
1458-20184	00000/0000	10016/0693	10/24/73	0	6388	6453N 13745W	10.9	171.0		GG
1458-20191	00000/0000	10016/0683	10/24/73	0	6388	6532N 13915W	12.2	169.6		PPG
1458-20193	00000/0000	10016/0696	10/24/73	0	6388	6412N 14037W	13.4	168.2		G
1458-20200	00000/0000	10016/0697	10/24/73	0	6388	6250N 14152W	14.6	167.0		P
1458-20202	00000/0000	10016/0684	10/24/73	0	6388	6128N 14301W	15.8	165.9		PPG
1458-20205	00000/0000	10016/0685	10/24/73	10	6388	6005N 14404W	17.0	164.8		PPG
1458-20211	00000/0000	10016/0686	10/24/73	50	6388	5842N 14503W	18.3	163.8		PPG
1458-20214	00000/0000	10016/0694	10/24/73	80	6388	5719N 14558W	19.5	162.8		PG
1458-20220	00000/0000	10016/0695	10/24/73	90	6388	5555N 14649W	20.7	161.9		PG
1458-20223	00000/0000	10016/0698	10/24/73	100	6388	5431N 14737W	21.9	161.0		G
1458-22004	00000/0000	10016/0687	10/24/73	20	6389	7047N 15801W	7.2	176.3		PPG
1458-22011	00000/0000	10016/0699	10/24/73	30	6389	6930N 16006W	8.5	174.3		G
1458-22013	00000/0000	10016/0700	10/24/73	50	6389	6812N 16157W	9.7	172.6		G
1458-22020	00000/0000	10016/0701	10/24/73	100	6389	6652N 16337W	10.9	171.0		G
1458-22022	00000/0000	10016/0702	10/24/73	100	6389	6532N 16507W	12.2	169.6		G
1458-22025	00000/0000	10016/0703	10/24/73	100	6389	6412N 16629W	13.4	168.2		G
1458-22031	00000/0000	10016/0704	10/24/73	100	6389	6250N 16744W	14.6	167.0		G
1458-22034	00000/0000	10016/0705	10/24/73	100	6389	6128N 16852W	15.8	165.9		G
1458-22040	00000/0000	10016/0688	10/24/73	70	6389	6005N 16955W	17.0	164.8		PPG
1458-22043	00000/0000	10016/0689	10/24/73	40	6389	5841N 17053W	18.2	163.8		PPG
1458-22045	00000/0000	10016/0690	10/24/73	50	6389	5718N 17147W	19.4	162.8		PPG
1458-22052	00000/0000	10016/0691	10/24/73	60	6389	5554N 17238W	20.6	161.9		PGG
1458-22054	00000/0000	10016/0692	10/24/73	80	6389	5430N 17326W	21.8	161.0		PGG
1458-22061	00000/0000	10016/0706	10/24/73	90	6389	5306N 17412W	23.0	160.2		G
1458-22063	00000/0000	10016/0707	10/24/73	100	6389	5142N 17455W	24.2	159.3		G
1459-20240	00000/0000	10016/1225	10/25/73	0	6402	6812N 13733W	9.4	172.6		PGGG

KEYS: CLOUD COVER % 0..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SERIAL NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1459-20242	00000/0000	10016/1226	10/24/73	10	6402	6453N 13912W	10.6	171.0		GGGG
1459-20245	00000/0000	10016/1227	10/24/73	50	6402	6533N 14042W	11.8	169.6		GGGG
1459-20248	00000/0000	10016/1228	10/24/73	60	6402	6412N 14203W	13.1	168.3		GGGG
1459-20254	00000/0000	10016/1229	10/25/73	60	6402	6250N 14318W	14.3	167.1		GGGG
1459-20260	00000/0000	10016/1230	10/25/73	10	6402	6128N 14427W	15.5	166.0		GGGG
1459-20263	00000/0000	10016/1231	10/24/73	60	6402	6005N 14530W	16.7	164.9		GGGG
1459-20265	00000/0000	10016/1232	10/25/73	90	6402	5842N 14629W	17.9	163.9		GGGG
1459-22063	00000/0000	10016/1233	10/25/73	10	6403	7047N 15924W	6.9	176.3		GGGG
1459-22065	00000/0000	10016/1234	10/24/73	80	6403	6430N 16129W	8.1	174.4		GGGG
1459-22072	00000/0000	10016/1235	10/24/73	90	6403	6211N 16320W	9.4	172.6		GGGG
1459-22074	00000/0000	10016/1236	10/24/73	80	6403	6452N 16459W	10.6	171.0		GGGG
1459-22081	00000/0000	10016/1237	10/24/73	60	6403	6532N 16630W	11.8	169.6		GGGG
1459-22083	00000/0000	10016/1238	10/25/73	80	6403	6411N 16752W	13.0	168.3		GGGG
1459-22090	00000/0000	10016/1239	10/24/73	80	6403	6249N 16907W	14.3	167.1		GGGG
1459-22092	00000/0000	10016/1240	10/24/73	90	6403	6127N 17015W	15.5	166.0		GGGG
1459-22095	00000/0000	10016/1241	10/24/73	90	6403	6003N 17117W	16.7	164.9		GGGG
1459-22101	00000/0000	10016/1242	10/24/73	90	6403	5842N 17215W	17.9	163.9		GGGG
1459-22104	00000/0000	10016/1243	10/24/73	70	6403	5719N 17309W	19.1	162.9		GGGG
1459-22110	00000/0000	10016/1244	10/25/73	60	6403	5555N 17401W	20.3	162.0		GGGG
1459-22113	00000/0000	10016/1245	10/24/73	80	6403	5431N 17450W	21.5	161.1		GGGG
1459-22115	00000/0000	10016/1246	10/24/73	80	6403	5307N 17536W	22.7	160.3		GGGG
1459-22122	00000/0000	10016/1247	10/25/73	70	6403	5142N 17620W	23.9	159.4		GGGG
1460-20294	00000/0000	10016/1265	10/24/73	20	6416	6810N 13904W	9.1	172.6		GGGG
1460-20301	00000/0000	10016/1266	10/24/73	40	6416	6650N 14043W	10.3	171.0		GGGG
1460-20303	00000/0000	10016/1267	10/24/73	10	6416	6530N 14212W	11.5	169.6		GGGG
1460-20310	00000/0000	10016/1268	10/24/73	50	6416	6408N 14334W	12.8	168.3		GGGG
1460-20312	00000/0000	10016/1269	10/24/73	60	6416	6246N 14448W	14.0	167.1		GGGG
1460-20315	00000/0000	10016/1270	10/24/73	70	6416	6124N 14554W	15.2	166.0		GGGG
1460-20321	00000/0000	10016/1271	10/24/73	80	6416	6001N 14659W	16.4	164.9		GGGG
1460-20324	00000/0000	10016/1272	10/24/73	80	6416	5838N 14757W	17.6	163.9		GGGG
1460-22121	00000/0000	10016/1273	10/24/73	100	6417	7045N 16057W	6.6	176.3		GGGG
1460-22124	00000/0000	10016/1274	10/24/73	100	6417	6927N 16301W	7.8	174.3		GGGG
1460-22130	00000/0000	10016/1275	10/24/73	90	6417	6809N 16451W	9.1	172.6		GGGG
1460-22133	00000/0000	10016/1276	10/24/73	90	6417	6649N 16630W	10.3	171.0		GGGG
1460-22135	00000/0000	10016/1277	10/24/73	90	6417	6529N 16759W	11.5	169.6		GGGG
1460-22142	00000/0000	10016/1278	10/24/73	90	6417	6408N 16920W	12.7	168.3		GGGG
1460-22144	00000/0000	10016/1279	10/24/73	90	6417	6246N 17036W	14.0	167.1		GGGG
1460-22151	00000/0000	10016/1280	10/24/73	90	6417	6124N 17143W	15.2	166.0		GGGG
1460-22153	00000/0000	10016/1281	10/24/73	70	6417	6002N 17246W	16.4	164.9		GGGG

KEYS: CLOUD COVER % 0000000000000000 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY 00000000000000000000 BLANKS BAND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15154 DEC 06/73

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0045

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL NRS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS
						LAT	LONG				
1460-22140	00000/0000	10016/1282	10/24/73	70	6417	5838N	17345W	17.6	163.9		GGGG
1460-22162	00000/0000	10016/1283	10/24/73	70	6417	5715N	17440W	18.8	163.0		GGGG
1460-22165	00000/0000	10016/1284	10/24/73	70	6417	5551N	17532W	20.0	162.1		GGGG
1460-22171	00000/0000	10016/1285	10/24/73	60	6417	5427N	17620W	21.2	161.2		GGGG
1460-22174	00000/0000	10016/1286	10/24/73	60	6417	5303N	17705W	22.4	160.3		GGGG
1461-20350	00000/0000	10016/1318	10/27/73	0	6430	6429N	13839W	7.5	174.4		GGGG
1461-20353	00000/0000	10016/1319	10/27/73	0	6430	6410N	14030W	8.7	172.6		GGGG
1461-20355	00000/0000	10016/1320	10/27/73	0	6430	6450N	14208W	10.0	171.1		GGGG
1461-20362	00000/0000	10016/1321	10/27/73	0	6430	6530N	14337W	11.2	169.7		GGGG
1461-20364	00000/0000	10016/1322	10/27/73	10	6430	6409N	14458W	12.4	168.4		GGGG
1461-20371	00000/0000	10016/1323	10/27/73	100	6430	6247N	14613W	13.6	167.2		GGGG
1461-20373	00000/0000	10016/1324	10/27/73	100	6430	6125N	14721W	14.9	166.0		GGGG
1461-20380	00000/0000	10016/1325	10/27/73	100	6430	6002N	14824W	16.1	165.0		GGGG
1461-20382	00000/0000	10016/1326	10/27/73	40	6430	5839N	14923W	17.3	164.0		GGGG
1461-22175	00000/0000	10016/1307	10/27/73	60	6431	7046N	16223W	6.3	176.3		GGGG
1461-22182	00000/0000	10016/1308	10/27/73	40	6431	6429N	16427W	7.5	174.4		GGGG
1461-22184	00000/0000	10016/1309	10/27/73	70	6431	6410N	16618W	8.7	172.6		GGGG
1461-22191	00000/0000	10016/1310	10/27/73	40	6431	6451N	16758W	10.0	171.1		GGGG
1461-22193	00000/0000	10016/1311	10/27/73	60	6431	6531N	16929W	11.2	169.7		GGGG
1461-22200	00000/0000	10016/1304	10/27/73	90	6431	6409N	17051W	12.4	168.4		G GG
1461-22202	00000/0000	10016/1305	10/27/73	80	6431	6248N	17205W	13.6	167.2		G GG
1461-22205	00000/0000	10016/1306	10/27/73	80	6431	6125N	17313W	14.8	166.0		G GG
1461-22211	00000/0000	10016/1312	10/27/73	70	6431	6002N	17416W	16.1	165.0		GGGG
1461-22214	00000/0000	10016/1313	10/27/73	80	6431	5839N	17514W	17.3	164.0		GGGG
1461-22220	00000/0000	10016/1314	10/27/73	80	6431	5715N	17609W	18.5	163.1		GGGG
1461-22223	00000/0000	10016/1315	10/27/73	70	6431	5551N	17700W	19.7	162.2		GGGG
1461-22225	00000/0000	10016/1316	10/27/73	70	6431	5427N	17748W	20.9	161.3		GGGG
1461-22232	00000/0000	10016/1317	10/27/73	70	6431	5303N	17833W	22.1	160.4		GGGG
1462-20405	00000/0000	10016/1356	10/28/73	0	6444	6429N	14004W	7.2	174.4		GGGG
1462-20411	00000/0000	10016/1357	10/28/73	40	6444	6410N	14153W	8.4	172.7		GGGG
1462-20414	00000/0000	10016/1358	10/28/73	30	6444	6450N	14334W	9.6	171.1		GGGG
1462-20420	00000/0000	10016/1359	10/28/73	30	6444	6530N	14503W	10.9	169.7		GGGG
1462-20423	00000/0000	10016/1360	10/28/73	20	6444	6408N	14625W	12.1	168.4		GGGG
1462-20425	00000/0000	10016/1361	10/28/73	60	6444	6247N	14739W	13.3	167.2		GGGG
1462-20432	00000/0000	10016/1362	10/28/73	70	6444	6125N	14847W	14.5	166.1		GGGG
1462-20434	00000/0000	10016/1363	10/28/73	90	6444	6002N	14950W	15.7	165.1		GGGG
1462-20441	00000/0000	10016/1364	10/28/73	100	6444	5839N	15049W	17.0	164.1		GGGG
1462-20443	00000/0000	10016/1365	10/28/73	100	6444	5716N	15144W	18.2	163.1		GGGG
1462-20450	00000/0000	10016/1366	10/28/73	100	6444	5552N	15235W	19.4	162.2		GGGG

KEYS: CLOUD COVER X 0 TO 100 = X CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY G..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

19:54 DFC 064173

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 00 46

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLYV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	
1462-22240	00000/0000	10016/1881	10/28/73	0	6445	6927N	16549W	7.2	174.4		GGGG
1462-22243	00000/0000	10016/1882	10/28/73	0	6445	6809N	16740W	8.4	172.7		GP GG
1463-19073	00000/0000	10016/1411	10/29/73	100	6457	5549N	12814W	19.1	162.3		GP G
1463-19078	00000/0000	10016/1412	10/29/73	100	6457	5425N	12902W	20.3	161.4		GPPP
1463-20470	00000/0000	10016/1215	10/29/73	60	6458	6806N	14321W	8.1	172.6		GGGG
1463-20472	00000/0000	10016/1216	10/29/73	40	6458	6446N	14500W	9.3	171.1		GGGG
1463-20475	00000/0000	10016/1217	10/29/73	40	6458	6526N	14630W	10.6	169.7		GGGG
1463-20481	00000/0000	10016/1218	10/29/73	30	6458	6405N	14751W	11.8	168.4		GP GG
1463-20484	00000/0000	10016/1219	10/29/73	50	6458	6243N	14905W	13.0	167.2		GP GG
1463-20490	00000/0000	10016/1220	10/29/73	80	6458	6121N	15013W	14.2	166.1		GP GG
1463-20493	00000/0000	10016/1221	10/29/73	90	6458	5959N	15116W	15.5	165.1		GP GP
1463-20498	00000/0000	10016/1222	10/29/73	90	6458	5836N	15215W	16.7	164.1		GP GP
1463-20502	00000/0000	10016/1223	10/29/73	90	6458	5712N	15311W	17.9	163.2		GP GP
1463-20504	00000/0000	10016/1224	10/29/73	90	6458	5548N	15402W	19.1	162.3		GP GP
1463-22345	00000/0000	10016/1213	10/29/73	90	6459	5300N	17833E	21.5	160.8		PG
1463-22351	00000/0000	10016/1214	10/29/73	100	6459	5136N	17750E	22.7	159.8		PP
1464-19124	00000/0000	10016/0195	10/30/73	20	6471	5716N	12848W	17.5	163.3		GGGG
1464-19131	00000/0000	10016/0196	10/30/73	40	6471	5552N	12940W	18.7	162.4		GP GG
1464-19133	00000/0000	10016/0194	10/30/73	80	6471	5428N	13028W	19.9	161.5		G GG
1464-20533	00000/0000	10016/1459	10/30/73	90	6472	6530N	14753W	10.2	169.8		GGGG
1464-20540	00000/0000	10016/1460	10/30/73	90	6472	6409N	14915W	11.4	168.5		GP GG
1464-20542	00000/0000	10016/1461	10/30/73	90	6472	6247N	15030W	12.6	167.3		PP GG
1464-20545	00000/0000	10016/1462	10/30/73	90	6472	6125N	15139W	13.9	166.2		GPPG
1464-20551	00000/0000	10016/1463	10/30/73	70	6472	6002N	15243W	15.1	165.2		GGPG
1464-20554	00000/0000	10016/1464	10/30/73	10	6472	5839N	15342W	16.3	164.2		PPP
1464-20560	00000/0000	10016/1465	10/30/73	20	6472	5716N	15437W	17.5	163.3		PGG
1464-20563	00000/0000	10016/1466	10/30/73	20	6472	5553N	15529W	18.7	162.4		GGG
1465-19180	00000/0000	10016/1504	10/31/73	40	6485	5839N	12919W	16.0	164.2		P P
1465-19183	00000/0000	10016/1505	10/31/73	20	6485	5716N	13013W	17.2	163.3		G P
1465-19185	00000/0000	10016/1506	10/31/73	10	6485	5553N	13105W	18.4	162.4		G P
1465-19192	00000/0000	10016/1507	10/31/73	50	6485	5429N	13153W	19.6	161.6		G G
1465-20591	00000/0000	10016/1515	10/31/73	10	6486	6530N	14920W	9.9	169.8		PG
1465-20594	00000/0000	10016/1508	10/31/73	20	6486	6409N	15042W	11.1	168.5		G PG
1465-21000	00000/0000	10016/1509	10/31/73	20	6486	6248N	15157W	12.3	167.3		GPPG
1465-21003	00000/0000	10016/1510	10/31/73	10	6486	6126N	15307W	13.5	166.3		PP G
1465-21005	00000/0000	10016/1511	10/31/73	10	6486	6003N	15411W	14.8	165.2		PP G
1465-21012	00000/0000	10016/1512	10/31/73	50	6486	5840N	15510W	16.0	164.3		PP G
1465-21014	00000/0000	10016/1513	10/31/73	50	6486	5716N	15605W	17.2	163.3		PP G
1465-21021	00000/0000	10016/1514	10/31/73	60	6486	5552N	15655W	18.4	162.4		PP P

KEYS: CLOUD COVER % 0 TO 100 = X CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06, '73

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0047

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SERIAL NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1466-19235	00000/0000	10016/1536	11/01/73	100	6499	5440N 13043W	15.7	164.3		PP
1466-19241	00000/0000	10016/1533	11/01/73	50	6499	5717N 13138W	16.9	163.4		PPPP
1466-19244	00000/0000	10016/1534	11/01/73	0	6499	5553N 13230W	18.1	162.5		GGPP
1466-19250	00000/0000	10016/1535	11/01/73	30	6499	5429N 13318W	19.3	161.7		PPGP
1466-21055	00000/0000	10016/1496	11/01/73	0	6500	6248N 15323W	12.0	167.4		G G
1466-21061	00000/0000	10016/1497	11/01/73	0	6500	6126N 15431W	13.2	166.3		G PP
1466-21064	00000/0000	10016/1498	11/01/73	0	6500	6003N 15535W	14.4	165.3		G GP
1466-21070	00000/0000	10016/1499	11/01/73	0	6500	5840N 15633W	15.6	164.3		G GP
1466-21073	00000/0000	10016/1500	11/01/73	90	6500	5717N 15728W	16.9	163.4		G
1466-21075	00000/0000	10016/1501	11/01/73	90	6500	5554N 15820W	18.1	162.5		G
1466-21082	00000/0000	10016/1502	11/01/73	90	6500	5430N 15908W	19.3	161.7		G P
1466-21084	00000/0000	10016/1503	11/01/73	100	6500	5306N 15954W	20.5	160.8		G P
1467-19300	00000/0000	10016/1537	11/02/73	0	6513	5714N 13307W	16.6	163.4		PP
1467-19302	00000/0000	10016/1538	11/02/73	0	6513	5550N 13358W	17.8	162.5		P P
1467-21104	00000/0000	10016/1588	11/02/73	0	6514	6528N 15216W	9.3	169.8		GGGG
1467-21111	00000/0000	10016/1589	11/02/73	0	6514	6407N 15337W	10.5	168.6		GGGG
1467-21113	00000/0000	10016/1590	11/02/73	0	6514	6246N 15451W	11.7	167.4		GGGG
1467-21120	00000/0000	10016/1591	11/02/73	0	6514	6123N 15600W	12.9	166.3		GGGG
1467-21122	00000/0000	10016/1592	11/02/73	80	6514	6001N 15703W	14.2	165.3		GGGG
1467-21125	00000/0000	10016/1593	11/02/73	90	6514	5838N 15802W	15.4	164.3		GGGG
1467-21131	00000/0000	10016/1594	11/02/73	90	6514	5714N 15856W	16.6	163.4		GPP
1467-21134	00000/0000	10016/1595	11/02/73	100	6514	5551N 15947W	17.8	162.5		GPP
1467-21140	00000/0000	10016/1596	11/02/73	100	6514	5427N 16035W	19.0	161.7		GPG
1467-22574	00000/0000	10016/1582	11/02/73	80	6515	5906N 17252E	20.1	160.9		GGPG
1468-19343	00000/0000	10016/1597	11/03/73	20	6527	6123N 13139W	12.6	166.3		PGGG
1468-19345	00000/0000	10016/1598	11/03/73	0	6527	6000N 13242W	13.9	165.3		GGGG
1468-19352	00000/0000	10016/1599	11/03/73	0	6527	5837N 13340W	15.1	164.4		GGGP
1468-19354	00000/0000	10016/1600	11/03/73	0	6527	5715N 13434W	16.3	163.5		GGGP
1468-19361	00000/0000	10016/1601	11/03/73	10	6527	5551N 13525W	17.5	162.6		GGPG
1468-21163	00000/0000	10016/1606	11/03/73	0	6528	6529N 15345W	8.9	169.8		GGG
1468-21165	00000/0000	10016/1607	11/03/73	0	6528	6409N 15506W	10.2	168.6		GGGG
1468-21172	00000/0000	10016/1602	11/03/73	60	6528	6247N 15621W	11.4	167.4		G PG
1468-21174	00000/0000	10016/1603	11/03/73	90	6528	6124N 15729W	12.6	166.3		G PG
1468-21181	00000/0000	10016/1604	11/03/73	100	6528	6002N 15832W	13.8	165.3		G PG
1468-21183	00000/0000	10016/1608	11/03/73	90	6528	5838N 15931W	15.1	164.4		GPPG
1468-21190	00000/0000	10016/1609	11/03/73	20	6528	5715N 16025W	16.3	163.5		GGGG
1468-21192	00000/0000	10016/1610	11/03/73	40	6528	5552N 16116W	17.5	162.6		GPPG
1468-21195	00000/0000	10016/1605	11/03/73	90	6528	5428N 16204W	18.7	161.8		G PG
1468-21201	00000/0000	10016/1611	11/03/73	90	6528	5304N 16249W	19.9	161.0		GPPG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED; R=RECYCLED; G=GOOD; F=FAIR BUT USABLE; P=POOR.

18:54 DEC 06/73

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 00 48

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SECT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1468-23030	00000/0000	10016/1624	11/03/73	90	6529	5427N 17207E	18.7	161.8		GGPG
1468-23033	00000/0000	10016/1625	11/03/73	70	6529	5303N 17123E	19.9	161.0		GGGG
1469-19395	00000/0000	10016/1583	11/04/73	0	6541	6246N 13157W	11.1	167.4		GGGG
1469-19401	00000/0000	10016/1584	11/04/73	0	6541	6124N 13306W	12.3	166.4		GGGG
1469-19404	00000/0000	10016/1585	11/04/73	0	6541	6002N 13409W	13.5	165.4		GGGG
1469-19410	00000/0000	10016/1586	11/04/73	10	6541	5838N 13507W	14.8	164.4		GGGG
1469-19413	00000/0000	10016/1587	11/04/73	0	6541	5715N 13600W	16.0	163.5		GGGG
1469-21221	00000/0000	10016/1670	11/04/73	0	6542	6528N 15508W	8.6	169.9		GGPG
1469-21224	00000/0000	10016/1671	11/04/73	0	6542	6408N 15629W	9.9	168.6		GGGG
1469-21230	00000/0000	10016/1672	11/04/73	0	6542	6247N 15745W	11.1	167.4		GGPG
1469-21233	00000/0000	10016/1673	11/04/73	0	6542	6125N 15854W	12.3	166.4		GGGG
1469-21235	00000/0000	10016/1674	11/04/73	30	6542	6002N 15957W	13.5	165.4		GGPG
1469-21242	00000/0000	10016/1675	11/04/73	50	6542	5839N 16056W	14.7	164.4		GGPG
1469-21244	00000/0000	10016/1676	11/04/73	70	6542	5715N 16150W	16.0	163.5		GGGG
1469-21251	00000/0000	10016/1677	11/04/73	80	6542	5552N 16241W	17.2	162.6		GGPG
1469-21253	00000/0000	10016/1678	11/04/73	90	6542	5428N 16328W	18.4	161.8		GGGG
1470-19453	00000/0000	10016/1696	11/05/73	40	6555	6247N 13322W	10.8	167.5		GGPG
1470-19455	00000/0000	10016/1697	11/05/73	60	6555	6125N 13430W	12.0	166.4		GGPG
1470-19462	00000/0000	10016/1698	11/05/73	50	6555	6002N 13533W	13.2	165.4		GGPG
1470-19464	00000/0000	10016/1699	11/05/73	20	6555	5839N 13632W	14.5	164.5		GGPG
1470-19471	00000/0000	10016/1700	11/05/73	60	6555	5716N 13727W	15.7	163.6		GGPG
1470-21280	00000/0000	10016/1701	11/05/73	20	6556	6530N 15634W	8.3	169.9		GG G
1470-21282	00000/0000	10016/1702	11/05/73	0	6556	6408N 15755W	9.5	168.6		GP G
1470-21285	00000/0000	10016/1703	11/05/73	10	6556	6246N 15909W	10.8	167.5		PP G
1470-21291	00000/0000	10016/1704	11/05/73	20	6556	6124N 16018W	12.0	166.4		PG P
1470-21294	00000/0000	10016/1705	11/05/73	20	6556	6002N 16122W	13.2	165.4		GGPG
1470-21300	00000/0000	10016/1706	11/05/73	40	6556	5839N 16221W	14.4	164.5		PPPG
1470-21303	00000/0000	10016/1707	11/05/73	40	6556	5716N 16316W	15.7	163.6		PP G
1470-21305	00000/0000	10016/1708	11/05/73	70	6556	5553N 16407W	16.9	162.7		PP G
1470-21312	00000/0000	10016/1709	11/05/73	90	6556	5429N 16454W	18.1	161.9		PP G
1470-21314	00000/0000	10016/1710	11/05/73	90	6556	5305N 16540W	19.3	161.1		PP G
1471-19520	00000/0000	10016/0036	11/06/73	0	6569	6003N 13659W	12.9	165.4		GGPP
1471-19523	00000/0000	10016/0037	11/06/73	50	6569	5839N 13758W	14.2	164.5		GGPP
1471-21340	00000/0000	10016/0027	11/06/73	90	6570	6408N 15919W	9.2	168.6		PPPG
1471-21343	00000/0000	10016/0028	11/06/73	100	6570	6246N 16034W	10.5	167.5		PPPG
1471-21345	00000/0000	10016/0029	11/06/73	100	6570	6124N 16143W	11.7	166.4		PPPP
1471-21352	00000/0000	10016/0030	11/06/73	90	6570	6002N 16247W	12.9	165.4		PPPP
1471-21354	00000/0000	10016/0031	11/06/73	100	6570	5839N 16346W	14.1	164.5		PPPG
1471-21361	00000/0000	10016/0032	11/06/73	70	6570	5716N 16441W	15.3	163.6		PPPG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. * = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DEC 06, 1973

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0049

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED MSS	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	
								123	45678	
1471-21363	00000/0000	10016/0033	11/06/73	90	6570	5552N	16532W	16.6	162.7	GPPP
1471-21370	00000/0000	10016/0034	11/06/73	100	6570	5428N	16620W	17.8	161.9	PPPP
1471-21372	00000/0000	10016/0035	11/06/73	100	6570	5304N	16706W	19.0	161.1	PPPP
1472-19572	00000/0000	10016/0024	11/07/73	0	6583	6122N	13724W	11.5	166.4	GGPG
1472-19575	00000/0000	10016/0025	11/07/73	0	6583	6000N	13827W	12.7	165.4	GGGG
1472-19581	00000/0000	10016/0026	11/07/73	60	6583	5836N	13925W	13.9	164.5	GGPG
1472-21395	00000/0000	10016/0015	11/07/73	90	6587	6405N	16046W	9.0	168.6	PPPG
1472-21401	00000/0000	10016/0016	11/07/73	70	6587	6243N	16201W	10.2	167.5	GPPG
1472-21404	00000/0000	10016/0017	11/07/73	70	6587	6121N	16310W	11.4	166.4	GGPG
1472-21410	00000/0000	10016/0018	11/07/73	90	6587	5959N	16413W	12.7	165.4	GGGG
1472-21413	00000/0000	10016/0019	11/07/73	70	6587	5836N	16511W	13.9	164.5	GGGG
1472-21415	00000/0000	10016/0020	11/07/73	90	6587	5713N	16605W	15.1	163.6	GGGG
1472-21422	00000/0000	10016/0021	11/07/73	100	6587	5549N	16657W	16.3	162.7	GGPG
1472-21424	00000/0000	10016/0022	11/07/73	100	6587	5425N	16745W	17.5	161.9	PPPG
1472-21431	00000/0000	10016/0023	11/07/73	100	6587	5301N	16830W	18.7	161.1	PPPP
1473-20031	00000/0000	10016/1785	11/08/73	40	6597	6123N	13851W	11.2	166.4	GGGG
1473-20033	00000/0000	10016/1786	11/08/73	20	6597	6000N	13954W	12.4	165.4	GGPG
1473-20040	00000/0000	10016/1787	11/08/73	60	6597	5837N	14052W	13.6	164.5	GGGG
1473-21453	00000/0000	10016/1822	11/08/73	100	6598	6405N	16216W	8.7	168.6	PPPG
1473-21460	00000/0000	10016/1817	11/08/73	100	6598	6243N	16331W	9.9	167.5	P P
1473-21462	00000/0000	10016/1818	11/08/73	100	6598	6121N	16439W	11.1	166.4	P G
1473-21465	00000/0000	10016/1819	11/08/73	100	6598	5958N	16542W	12.4	165.4	P P
1473-21471	00000/0000	10016/1820	11/08/73	100	6598	5835N	16641W	13.6	164.5	P P
1473-21474	00000/0000	10016/1821	11/08/73	100	6598	5712N	16736W	14.8	163.6	P G
1473-21480	00000/0000	10016/1823	11/08/73	100	6598	5549N	16827W	16.0	162.8	PPPG
1473-21483	00000/0000	10016/1824	11/08/73	90	6598	5425N	16915W	17.2	162.0	PPPG
1473-21485	00000/0000	10016/1825	11/08/73	90	6598	5301N	17001W	18.4	161.2	PPPG
1473-21492	00000/0000	10016/1826	11/08/73	100	6598	5137N	17043W	19.6	160.4	PPPG
1474-20092	00000/0000	10016/1827	11/09/73	10	6411	5958N	14118W	12.1	165.4	PPPG
1474-20094	00000/0000	10016/1828	11/09/73	40	6411	5835N	14217W	13.3	164.5	PPPP
1474-21512	00000/0000	10016/1829	11/09/73	100	6412	6405N	16343W	8.4	168.6	Pp P
1474-21514	00000/0000	10016/1830	11/09/73	100	6412	6243N	16458W	9.6	167.5	PPPP
1474-21521	00000/0000	10016/1831	11/09/73	100	6412	6120N	16606W	10.9	166.4	PPPP
1474-21523	00000/0000	10016/1832	11/09/73	100	6412	5958N	16709W	12.1	165.4	PPPP
1474-21530	00000/0000	10016/1833	11/09/73	100	6412	5835N	16807W	13.3	164.5	PPPP
1474-21532	00000/0000	10016/1834	11/09/73	100	6412	5712N	16901W	14.5	163.6	PPPP
1474-21535	00000/0000	10016/1835	11/09/73	100	6412	5549N	16953W	15.7	162.8	PPPP
1474-21541	00000/0000	10016/1836	11/09/73	100	6412	5426N	17042W	17.0	162.0	PPPP
1474-21544	00000/0000	10016/1837	11/09/73	100	6412	5302N	17127W	18.2	161.2	PPPP

KEYS: CLOUD COVER X 0 TO 100 = X CLOUD COVER. *** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS = BAND NOT PRESENT/REQUESTED. R = RECYCLED. G = GOOD. F = FAIR BUT USABLE. P = POOR.

15154 DEC 06/73

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 00 50

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS 123 45678	
1474-21550	00000/0000	10016/1838	11/09/73	100	6412	5137N	17210W	19.4	160.5	GPP
1477-20251	00000/0000	10016/1800	11/12/73	30	6453	6403N	14210W	7.6	168.6	GPPG
1477-20254	00000/0000	10016/1801	11/12/73	30	6453	6242N	14325W	8.8	167.5	GPPG
1477-20260	00000/0000	10016/1802	11/12/73	0	6453	6120N	14434W	10.1	166.4	GPPG
1477-20263	00000/0000	10016/1803	11/12/73	0	6453	5957N	14537W	11.3	165.4	GPPG
1477-20265	00000/0000	10016/1804	11/12/73	10	6453	5834N	14636W	12.5	164.5	GPPG
1477-22083	00000/0000	10016/1813	11/12/73	100	6454	6403N	16806W	7.6	168.6	GPP
1477-22085	00000/0000	10016/1814	11/12/73	100	6454	6242N	16920W	8.8	167.5	G P
1477-22092	00000/0000	10016/1805	11/12/73	100	6454	6120N	17028W	10.1	166.4	G P
1477-22094	00000/0000	10016/1806	11/12/73	100	6454	5958N	17130W	11.3	165.4	G P
1477-22101	00000/0000	10016/1807	11/12/73	100	6454	5835N	17228W	12.5	164.5	P P
1477-22103	00000/0000	10016/1808	11/12/73	100	6454	5712N	17323W	13.7	163.7	P P
1477-22110	00000/0000	10016/1809	11/12/73	100	6454	5547N	17413W	14.9	162.8	P P
1477-22112	00000/0000	10016/1810	11/12/73	100	6454	5424N	17501W	16.1	162.1	P P
1477-22115	00000/0000	10016/1811	11/12/73	100	6454	5300N	17546W	17.4	161.3	P P
1477-22121	00000/0000	10016/1812	11/12/73	100	6454	5136N	17630W	18.6	160.5	P P
1477-22124	00000/0000	10016/1815	11/12/73	100	6454	5011N	17710W	19.8	159.8	P P

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

1515A DEC 06/73

STANDARD CATALOG FOR HAWAII
FROM 11/01/73 TO 11/30/73

PAGE 00 51

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED MSS	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV MSS	QUALITY MSS	
1457-20262	00000/0000	10016/1177	10/23/73	10	6374	2141N	15749W	47.3	138.6	PPGG
1457-20264	00000/0000	10016/1178	10/23/73	10	6374	2014N	15811W	48.3	137.2	GGGG

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER. *** NO CLOUD DATA AVAILABLE.
IMAGE QUALITY % BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 04/73

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

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PAGE 0053

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS
LONG LAT				LONG LAT				LONG LAT			
06337W 4728N	1451-14345	20	PPPG	06911W 4019N	1471-14481	80	GGGG	07205W 4014N	1473-14593	80	GGGG
06345W 4723N	1415-14354	90	GGGG	06912W 4434N	1418-14534	50	GGGG	07210W 4730N	1457-15090	100	GGGG
06500W 4730N	1452-14403	90	PPPP	06915W 4434N	1400-14540	70	GGG	07211W 3601N	1418-14561	80	GGGG
06503W 4725N	1470-14402	60	PGPG	06916W 4019N	1435-14485	0	GGGG	07212W 3602N	1400-14563	30	GGGG
06536W 4605N	1452-14405	100	PPPP	06922W 4016N	1417-14492	10	GGGG	07218W 4722N	1475-15090	90	PGPG
06539W 4559N	1470-14404	60	PGPG	06923W 4724N	1473-14573	100	GGGG	07227W 4312N	1456-15043	0	GGGG
06610W 4439N	1452-14412	100	PPPP	06934W 4213N	1454-14531	100	PPPP	07229W 3857N	1455-15001	90	PPPP
06613W 4434N	1470-14411	50	PGGG	06944W 4209N	1418-14541	90	GGGG	07231W 4307N	1474-15043	50	GGPG
06626W 4731N	1453-14441	30	PPG	06947W 4309N	1400-14543	50	GGP	07235W 3851N	1473-15000	60	GGGG
06629W 4725N	1471-14440	90	GGGG	06951W 4605N	1455-14580	40	PGPP	07244W 4604N	1457-15093	60	GGGG
06632W 4726N	1435-14444	10	GGGG	06951W 3851N	1417-14494	20	GGGG	07252W 4556N	1475-15092	90	PGPG
06635W 4724N	1417-14471	70	GGGG	06958W 4558N	1473-14575	100	GGGG	07254W 3732N	1455-15003	80	PPPP
06642W 4314N	1452-14414	100	PPPP	07004W 4148N	1454-14533	100	PPPP	07258W 4146N	1456-15050	0	PPGG
06645W 4309N	1470-14413	60	PGPG	07016W 4143N	1418-14543	90	GGGG	07302W 4142N	1474-15045	30	GGPG
06701W 4606N	1453-14464	20	GGG	07018W 4144N	1400-14545	40	PGGG	07303W 3725N	1473-15002	40	GGGG
06703W 4600N	1471-14443	90	GGGG	07025W 4440N	1455-14583	20	PGPP	07319W 4439N	1457-15095	30	GGGG
06707W 4601N	1435-14471	0	GGGG	07032W 4433N	1473-14882	90	GGGG	07324W 3606N	1455-15010	70	PPPP
06711W 4559N	1417-14474	40	GGGG	07034W 4022N	1454-14540	80	PPPP	07326W 4431N	1475-15095	90	PGPG
06735W 4441N	1453-14470	10	GGP	07045W 4729N	1456-15032	90	GGGG	07328W 4021N	1456-15052	0	PGPG
06737W 4435N	1471-14465	90	GGGG	07046W 4017N	1418-14550	100	GGGG	07331W 3559N	1473-15005	80	GGGG
06742W 4435N	1435-14473	0	GGGG	07048W 4018N	1400-14552	10	PGGG	07332W 4017N	1474-15052	90	GGGG
06746W 4433N	1417-14480	20	GGGP	07050W 4724N	1474-15031	100	PGGG	07334W 4729N	1458-15144	90	GGGP
06753W 4728N	1454-14515	100	PPPP	07058W 4315N	1455-14585	10	PPPP	07351W 4313N	1457-15102	40	GGGG
06803W 4723N	1418-14525	30	GGGG	07103W 3857N	1454-14542	40	PPPP	07352W 3440N	1455-15012	70	PPPP
06807W 4723N	1400-14531	60	GGG	07104W 4307N	1473-14584	80	GGGG	07357W 3855N	1456-15055	10	PGPG
06807W 4315N	1453-14473	20	PPG	07115W 3852N	1418-14552	90	GGGG	07357W 3433N	1473-15011	100	GGGG
06809W 4310N	1471-14472	80	GGGG	07116W 3853N	1400-14554	0	GGGG	07358W 4306N	1475-15101	30	PGPG
06814W 4310N	1435-14480	0	GGGG	07121W 4603N	1456-15034	90	GGGG	07402W 3851N	1474-15054	100	GGGP
06820W 4307N	1417-14483	0	GGGG	07125W 4559N	1474-15034	100	PGGG	07411W 4604N	1458-15151	80	GGGP
06828W 4603N	1454-14522	100	PPPP	07129W 4149N	1455-14592	10	PPPP	07418W 3314N	1455-15015	30	PPPP
06838W 4559N	1418-14532	40	GGGG	07132W 3731N	1454-14545	30	PPPP	07422W 4148N	1457-15104	20	GGGG
06838W 4150N	1453-14475	40	PGG	07135W 4142N	1473-14591	80	GGGG	07423W 3308N	1473-15014	100	GGGG
06840W 4145N	1471-14474	80	GGGG	07144W 3728N	1400-14561	10	GGGG	07424W 3729N	1456-15061	30	PGPG
06841W 4559N	1400-14534	90	GGG	07144W 3727N	1418-14555	90	GGGG	07429W 4140N	1475-15104	40	PGPG
06846W 4144N	1435-14482	0	GGPG	07154W 4437N	1456-15041	40	GGGG	07430W 3725N	1474-15061	100	GGGP
06852W 4142N	1417-14485	0	GGGG	07159W 4433N	1474-15040	100	GGGG	07444W 3148N	1455-15021	70	PPPP
06902W 4438N	1454-14524	100	PPPP	07159W 4023N	1455-14594	30	PPPP	07445W 4439N	1458-15153	20	GGGG
06909W 4025N	1453-14482	60	GGG	07200W 3605N	1454-14551	30	PPPP	07446W 3142N	1473-15020	70	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
 STANDARD CATALOG FOR CUS
 FROM 11/01/73 TO 11/30/73

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
07451W 3604N	1454015064	40	PGPG	07721W 4855N	1443015320	0	GGGG	07941W 2430N	1475015154	20	PGPG
07452W 4022N	1457015111	10	GGGG	07730W 2724N	1474015090	20	PPPG	07951W 2854N	1458015201	30	GGGG
07453W 3559N	1474015043	100	GGPP	07735W 3146N	1457015134	30	GGGG	07952W 4600N	1462015380	70	GGPG
07459W 4015N	1475015110	10	GGPG	07739W 4437N	1460015270	40	GGGG	08002W 3313N	1459015244	0	GGGG
07503W 4729N	1454015203	80	GGGG	07743W 3404N	1458015180	30	PPPP	08010W 4143N	1461015334	40	GGGG
07518W 4314N	1458015140	0	GGPP	07743W 3140N	1475015133	90	PG	08010W 3730N	1460015291	0	GGGG
07518W 3438N	1454015070	50	PGGG	07745W 4021N	1459015223	0	GGGG	08011W 4149N	1443015340	30	GGGP
07521W 3856N	1457015113	20	GGGG	07756W 4724N	1461015320	100	GGGG	08013W 4848N	1463015430	70	PGGP
07524W 3434N	1474015070	100	GGGP	07758W 4730N	1443015322	0	GGGG	08015W 2728N	1458015203	20	PGGG
07529W 3850N	1475015113	20	PGGG	07800W 3020N	1457015140	20	GGPG	08024W 4852N	1409015442	40	PGG
07538W 4603N	1459015205	20	GGGG	07808W 3014N	1475015140	90	PGPG	08022W 3147N	1459015250	20	PGGG
07544W 3312N	1454015073	40	PGPP	07809W 3438N	1458015183	20	PGPG	08031W 4435N	1462015383	90	PPGG
07549W 4148N	1458015142	10	PGGP	07812W 4812N	1460015273	50	PPGG	08037W 3604N	1460015293	0	PGGG
07550W 3730N	1457015120	40	GGPG	07814W 3855N	1459015230	0	GGGG	08038W 2608N	1458015210	10	PGGP
07550W 3308N	1474015072	100	GGGG	07824W 2855N	1457015143	40	GGGG	08041W 4023N	1443015343	50	GGGP
07551W 4853N	1460015255	100	GGGG	07831W 2848N	1475015142	100	PGPG	08041W 4018N	1461015340	20	GGGG
07558W 3724N	1475015115	50	PGGG	07832W 4859N	1461015322	60	PGGG	08050W 4729N	1463015432	100	GGPG
07610W 3146N	1454015075	70	PPPG	07833W 4405N	1443015325	0	GGGG	08053W 3021N	1459015253	40	GGGG
07612W 4438N	1459015212	10	GGGG	07836W 3313N	1458015185	50	GGGG	08101W 4727N	1409015444	40	PGGG
07616W 3142N	1474015075	100	GGPG	07843W 4146N	1460015275	60	PGGG	08103W 3438N	1460015300	0	PGGG
07617W 3604N	1457015122	60	GGGG	07843W 3729N	1459015232	0	PGGG	08103W 2436N	1458015212	10	GGGG
07619W 4023N	1458015145	30	GGGP	07846W 4850N	1462015371	70	GGGG	08104W 4310N	1462015385	100	PGGG
07625W 3557N	1475015122	10	PGPG	07848W 2728N	1457015145	60	GGGG	08109W 3852N	1461015343	10	GGGG
07628W 4728N	1460015261	100	GGGG	07855W 2722N	1475015145	80	PPPG	08110W 3858N	1443015345	50	GGP
07635W 3020N	1454015082	90	GGPG	07901W 3147N	1458015192	70	GGGG	08112W 2858N	1459015255	20	GGGG
07641W 3016N	1474015081	40	PGPG	07906W 4434N	1461015325	30	GGGG	08124W 4557N	1463015435	100	GGGG
07643W 4312N	1459015214	0	GGGG	07907W 4440N	1443015331	10	GGGG	08130W 3312N	1460015302	0	PGGG
07644W 3439N	1457015125	70	GGGG	07910W 3404N	1459015235	0	GGGG	08135W 4145N	1462015392	100	GGGG
07648W 3856N	1458015171	20	GGPP	07911W 2401N	1457015152	70	GGGG	08136W 4602N	1409015451	30	PPPG
07652W 3431N	1475015124	30	PGPG	07913W 4021N	1460015282	20	PGGG	08137W 3724N	1461015345	0	GGGG
07659W 2854N	1454015084	100	GGPG	07918W 2856N	1475015151	20	PGPG	08138W 4851N	1464015484	0	PPPP
07704W 4603N	1460015244	100	GGGG	07923W 4725N	1462015374	80	PPPG	08139W 3732N	1443015352	30	GGGG
07706W 2850N	1474015084	10	GGGG	07926W 3020N	1458015194	40	GGGG	08142W 2728N	1459015262	0	GGPP
07710W 3313N	1457015131	80	GGGG	07935W 2435N	1457015154	40	GGGG	08143W 4855N	1428015493	10	GGGG
07715W 4147N	1459015221	0	GGGG	07937W 3438N	1459015241	0	PGGG	08155W 3146N	1460015305	0	PGGG
07716W 3730N	1458015174	40	GGGP	07939W 4809N	1461015331	70	GGGG	08158W 4432N	1463015441	100	GGPP
07718W 4850N	1461015313	70	GGGG	07940W 4215N	1443015334	10	GGPP	08205W 4019N	1462015394	100	GGGG
07718W 3306N	1475015131	90	PGPG	07941W 3856N	1460015284	0	PGPG	08205W 3601N	1461015352	0	GGGG

KEYS: CLOUD COVER % 00.0000000000000000 N TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY 00.0000000000000000 BLANKS=BAD NOT PRESENT/REQUESTED; R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

15154 DEC 06/73

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 00 55

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
08206W 3606N	1443-15354	20	GGGG	08400W 4313N	1428-15511	30	GGGG	08543W 4602N	1466-16010	100	P G
08206W 2601N	1459-15264	0	GGGP	08412W 3856N	1409-15471	60	PGGG	08547W 3307N	1463-15473	70	GGGG
08209W 4436N	1409-15453	30	PGGG	08413W 2856N	1443-15375	20	GGGG	08551W 4603N	1412-16022	20	GGGG
08215W 4726N	1464-15491	0	PPGP	08413W 2851N	1461-15372	10	GGPG	08552W 4145N	1465-15563	100	GGGG
08220W 4729N	1428-15500	10	GGGG	08414W 4401N	1465-15552	100	GGGG	08554W 4148N	1447-15565	100	PPGP
08221W 3021N	1460-15311	0	PGGG	08416W 4403N	1447-15554	100	PGGP	08554W 3728N	1464-15520	100	PPPP
08230W 4307N	1463-15444	100	PGGP	08423W 3310N	1462-15415	90	PGGG	08554W 4849N	1467-16060	100	GGGG
08231W 3435N	1461-15354	0	GGGG	08426W 4145N	1464-15505	100	PPPP	08557W 4853N	1449-16061	80	GGGG
08233W 3441N	1443-15361	10	GGGG	08427W 4855N	1448-16003	80	GGGG	08559W 3731N	1428-15525	30	GGGG
08235W 3853N	1462-15401	100	GPPG	08427W 3723N	1463-15462	90	GPGP	08559W 3311N	1409-15485	40	GGGG
08235W 2430N	1477-15271	40	PPPG	08430W 4853N	1466-16001	100	P P	08602W 2725N	1462-15433	50	GGGG
08242W 4311N	1409-15460	70	PGGG	08430W 4148N	1428-15514	20	GGGG	08604W 4851N	1413-16071	0	GG G
08246W 2855N	1460-15314	20	PPGP	08436W 2725N	1461-15375	40	GGGG	08614W 4440N	1448-16014	20	GGGG
08250W 4601N	1464-15493	80	PPGP	08437W 2730N	1443-15381	20	GGGG	08614W 3141N	1463-15480	50	GGPG
08253W 4604N	1428-15502	40	GGGG	08439W 4851N	1412-16013	10	PPPP	08614W 4436N	1466-16013	80	P P
08258W 3310N	1461-15361	0	PGGG	08440W 3730N	1409-15474	60	PGGG	08621W 3602N	1464-15523	100	PPPP
08259W 3315N	1443-15363	10	GGGG	08448W 4435N	1465-15554	100	GGGG	08622W 4019N	1465-15570	100	GGGG
08301W 4141N	1463-15450	100	PGGP	08449W 3143N	1462-15421	80	PGGG	08624W 3146N	1409-15492	50	GGGG
08302W 4851N	1465-15543	100	PGGG	08450W 4438N	1447-15560	100	PPGP	08625W 4438N	1412-16024	60	GGGG
08303W 3727N	1462-15403	100	GPPP	08455W 3558N	1463-15464	80	PGGG	08625W 4022N	1447-15572	100	PPGP
08304W 4853N	1447-15545	100	PPGP	08457W 4419N	1464-15511	100	PPPP	08624W 3604N	1428-15532	60	GGGG
08310W 2729N	1460-15320	20	PPGG	08459W 2859N	1461-15381	50	GGPG	08624W 2559N	1462-15435	60	GGGG
08313W 4146N	1409-15462	80	PGGG	08500W 2402N	1443-15384	10	GPGG	08632W 4724N	1467-16062	90	PGGG
08323W 4436N	1464-15500	100	PPGP	08501W 4423N	1428-15520	10	GGGG	08634W 4728N	1449-16064	10	GGGG
08324W 3149N	1443-15370	10	GGGG	08504W 4730N	1448-16005	50	GGGG	08640W 3015N	1463-15482	20	PGGG
08324W 3144N	1461-15363	30	GGGG	08507W 4727N	1466-16004	100	P P	08641W 4726N	1413-16073	0	GG P
08328W 4438N	1428-15505	40	GGGG	08507W 3404N	1409-15480	50	GGGG	08647W 4316N	1448-16021	0	PPGP
08330W 4015N	1463-15453	100	GGPP	08514W 3017N	1462-15424	80	GGGG	08648W 4311N	1466-16015	50	P G
08330W 3601N	1462-15410	100	PPPG	08516W 4727N	1412-16015	20	GPGG	08648W 3436N	1464-15525	60	PPPP
08334W 2603N	1460-15323	30	PPGG	08521W 4310N	1465-15561	100	GGPG	08649W 3019N	1409-15494	40	GGGG
08339W 4726N	1465-15545	100	GGGG	08521W 3433N	1463-15471	90	GGPP	08652W 3439N	1428-15534	40	GGGG
08341W 4728N	1447-15551	100	PPGP	08523W 4313N	1447-15563	100	PGGP	08652W 3853N	1465-15572	100	GGGG
08343W 4021N	1409-15465	60	PGGG	08524W 2436N	1443-15390	10	GPGG	08655W 3857N	1447-15574	100	PPGP
08349W 3023N	1443-15372	20	PGGG	08526W 3854N	1464-15514	100	PPPP	08657W 4312N	1412-16031	90	GPGG
08349W 3018N	1461-15370	30	GPGG	08531W 3857N	1428-15523	30	GGGG	08705W 2849N	1463-15485	70	P PG
08355W 4310N	1464-15502	100	PPPP	08533W 3437N	1409-15483	50	GGGG	08708W 4559N	1467-16065	100	GGGG
08356W 3436N	1462-15412	90	PGGG	08538W 2852N	1462-15430	70	GGGG	08709W 4603N	1449-16070	10	GGGG
08359W 3849N	1463-15455	100	PPGP	08540W 4405N	1448-16012	40	PGGG	08714W 2854N	1409-15501	40	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
 STANDARD CATALOG FOR CUG
 FROM 11/01/73 TO 11/30/73

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
08715W	3311N	1464=15532	10	08834W	4605N	1450=16124	100	08945W	3851N	1467=16089	90
08716W	4601N	1413=16080	0	08836W	4859N	1468=16123	80	08948W	3858N	1449=16091	0
08719W	4150N	1448=16023	0	08835W	2857N	1428=15552	20	08949W	3438N	1412=16054	40
08719W	4145N	1466=16022	80	08842W	3310N	1463=15590	100	08951W	4300N	1414=16143	80
08719W	3314N	1428=15541	40	08846W	4551N	1414=16134	40	08952W	3856N	1413=16100	100
08721W	3728N	1465=15575	100	08846W	4143N	1467=16080	100	08956W	2853N	1465=16002	100
08722W	4854N	1450=16115	100	08846W	3313N	1447=15592	80	09001W	4604N	1451=16183	100
08723W	4849N	1468=16114	80	08847W	3729N	1466=16033	0	09001W	4600N	1469=16181	100
08724W	3731N	1447=15581	100	08848W	4149N	1449=16082	10	09007W	3317N	1466=16045	0
08728W	4146N	1412=16033	90	08848W	3733N	1448=16035	40	09009W	3316N	1448=16050	100
08729W	2724N	1463=15491	20	08849W	4253N	1451=16174	100	09012W	4855N	1452=16232	100
08735W	4842N	1414=16125	40	08849W	4849N	1469=16172	70	09012W	4558N	1415=16193	60
08738W	2728N	1409=15503	60	08853W	4146N	1413=16091	100	09013W	4150N	1450=16140	0
08742W	4434N	1467=16071	100	08855W	3728N	1412=16045	90	09013W	4143N	1468=16134	30
08742W	3145N	1464=15534	0	08857W	2725N	1464=15550	10	09013W	3726N	1467=16092	80
08743W	4439N	1449=16073	20	08859W	2731N	1428=15555	20	09015W	3312N	1412=16060	20
08745W	3148N	1428=15543	20	08901W	4248N	1415=16184	60	09014W	4850N	1470=16231	70
08749W	4020N	1466=16024	100	08908W	4440N	1450=16131	40	09014W	3731N	1449=16093	10
08749W	3602N	1465=15581	100	08908W	4434N	1468=16125	80	09020W	2728N	1465=16004	90
08750W	4435N	1413=16082	20	08908W	3145N	1465=15593	90	09022W	4134N	1414=16150	50
08750W	4024N	1448=16030	0	08910W	3146N	1447=15595	80	09022W	3730N	1413=16103	90
08753W	3606N	1447=15583	100	08914W	3403N	1466=16040	0	09023W	2728N	1447=16010	60
08758W	4021N	1412=16040	90	08916W	4017N	1467=16083	100	09032W	3144N	1466=16051	0
08759W	4730N	1430=16122	100	08916W	3608N	1448=16041	30	09034W	3149N	1448=16053	100
08759W	4724N	1468=16120	80	08919W	4426N	1414=16141	90	09035W	4435N	1469=16184	100
08808W	3018N	1464=15541	0	08919W	4624N	1449=16084	0	09036W	4439N	1451=16185	100
08811W	3023N	1428=15550	10	08919W	2859N	1464=15552	10	09041W	3600N	1467=16094	90
08812W	4717N	1414=16132	20	08922W	3602N	1412=16051	70	09041W	3146N	1412=16063	80
08815W	4308N	1467=16074	100	08923W	4621N	1413=16094	100	09043W	4017N	1468=16141	10
08816W	4314N	1449=16075	80	08926W	4728N	1451=16180	100	09043W	3604N	1449=16100	10
08816W	3436N	1465=15584	100	08926W	4724N	1469=16175	90	09044W	4024N	1450=16142	0
08817W	2430N	1463=15500	20	08932W	3019N	1465=15595	90	09044W	4432N	1415=16195	10
08818W	3855N	1466=16031	20	08935W	3020N	1447=16001	70	09049W	3603N	1413=16105	20
08819W	3858N	1448=16032	20	08938W	4723N	1415=16190	30	09051W	4731N	1452=16234	50
08820W	3440N	1447=15590	90	08940W	3438N	1466=16042	0	09052W	4009N	1414=16152	60
08822W	4310N	1413=16085	50	08941W	4315N	1450=16133	0	09053W	4725N	1470=16233	70
08827W	3855N	1412=16042	90	08941W	4309N	1468=16132	30	09057W	3021N	1466=16054	0
08833W	2852N	1464=15543	10	08943W	3442N	1448=16044	70	09059W	3024N	1448=16055	70

KEYS: CLOUD COVER % 05..... 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY 06..... BLANKS=BAND NOT PRESENT/REQUESTED. RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06/73

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 00 47

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
09106W 3021N	1412-16065	70	GGGG	09209W 2603N	1448-16071	60	GGGG	09319W 2727N	1413-16132	100	GGGG
09107W 4309N	1469-16190	100	PPPG	09211W 4023N	1451-16201	90	GGGG	09324W 4437N	1453-16302	10	GGG
09108W 3434N	1467-16101	90	GGGG	09215W 4728N	1453-16293	50	GGG	09324W 4434N	1471-16301	20	GGGG
09109W 4313N	1451-16192	100	GGGG	09217W 4726N	1471-16292	30	GGGP	09326W 3147N	1450-16165	100	PP P
09109W 3439N	1449-16102	30	GGGG	09217W 3552N	1414-16164	60	GGGP	09327W 3144N	1468-16164	70	GGGG
09113W 3852N	1468-16143	40	GGPP	09218W 4015N	1415-16211	50	GGGG	09331W 4436N	1435-16305	60	GGGG
09114W 3858N	1450-16145	0	GGGG	09222W 4725N	1435-16300	80	GGGG	09335W 4024N	1452-16255	0	PPPP
09115W 3436N	1413-16112	0	GGGG	09223W 3018N	1467-16112	70	GGGP	09335W 3602N	1469-16211	100	PPG
09118W 4307N	1415-16202	0	GGGG	09226W 3021N	1449-16114	90	GGGG	09336W 4019N	1470-16254	0	GGGG
09122W 3844N	1414-16155	60	G	09228W 4723N	1417-16303	20	GGGG	09336W 3604N	1451-16212	0	GGGG
09122W 2855N	1466-16060	30	P P	09231W 3018N	1413-16123	90	GGGG	09336W 3135N	1414-16175	60	G
09123W 2857N	1448-16062	60	GGGG	09233W 4316N	1452-16250	10	PPPP	09336W 2559N	1467-16124	40	GGGG
09126W 4606N	1452-16241	50	PPPP	09234W 4310N	1470-16245	10	GGGG	09337W 4433N	1417-16312	90	GGGG
09128W 4600N	1470-16240	60	GGGG	09235W 3440N	1450-16160	100	P	09337W 2600N	1449-16125	30	GGGG
09130W 2854N	1412-16072	20	GGGG	09235W 3435N	1468-16155	100	GGGG	09338W 3605N	1433-16215	20	P
09134W 3309N	1467-16103	60	GGGG	09238W 3852N	1469-16202	100	PPG	09341W 4729N	1454-16351	10	PPGP
09135W 3313N	1449-16105	90	GGGG	09240W 3856N	1451-16203	20	GGGG	09342W 3559N	1415-16222	70	GGGG
09138W 4853N	1453-16290	90	GGP	09247W 3850N	1415-16213	70	GGGG	09345W 4723N	1472-16350	90	P P
09138W 4143N	1469-16193	100	PPPG	09247W 2851N	1467-16115	60	GGGG	09350W 3021N	1450-16172	100	PPPP
09140W 4851N	1471-16285	30	GGGG	09250W 4403N	1453-16295	0	GGG	09352W 4723N	1418-16361	100	GGGG
09140W 3310N	1413-16114	10	GGGG	09250W 2854N	1449-16120	90	GGGG	09352W 3018N	1468-16170	70	GGGG
09141W 4148N	1451-16194	100	GGGG	09252W 4401N	1471-16294	0	GGGG	09354W 4723N	1400-16363	60	GGG
09141W 3731N	1450-16151	0	GGPP	09255W 2852N	1413-16130	80	GGGG	09356W 4312N	1453-16304	20	PPG
09141W 3726N	1468-16150	50	GGPG	09257W 4401N	1435-16302	60	GGGG	09358W 4310N	1471-16303	70	GGGG
09146W 4851N	1435-16293	100	GGGG	09300W 3313N	1450-16163	100	PPPP	09402W 3438N	1451-16215	0	GGGG
09146W 2730N	1448-16064	50	GGGG	09302W 3309N	1468-16161	70	GGGG	09402W 3436N	1469-16213	100	PPPP
09146W 2728N	1466-16063	30	G P	09303W 4558N	1417-16305	70	GGGG	09404W 4310N	1435-16311	100	GGGG
09149W 4141N	1415-16204	10	GGGG	09304W 4854N	1454-16344	20	PPPP	09404W 3858N	1452-16261	0	PPP
09150W 3718N	1414-16161	70	PPPP	09305W 4150N	1452-16252	0	PPP	09405W 3853N	1470-16260	10	GGGG
09159W 3143N	1467-16110	40	GGPG	09305W 4145N	1470-16251	0	GGGG	09405W 3439N	1433-16222	0	GG P
09200W 4441N	1452-16243	50	PPPP	09306W 3727N	1469-16204	100	PPPG	09410W 4309N	1417-16314	90	GGGG
09201W 4435N	1470-16242	50	GGGG	09309W 4848N	1472-16344	90	PPPP	09415W 2855N	1450-16174	90	P P
09201W 3147N	1449-16111	90	GGGG	09309W 3730N	1451-16210	0	GGGG	09416W 4603N	1454-16353	10	PPPP
09206W 3144N	1413-16121	30	GGPG	09312W 2725N	1467-16121	40	GGPG	09417W 2852N	1468-16173	40	PPPG
09208W 4018N	1469-16195	100	PPG	09314W 2726N	1449-16123	50	GGGG	09420W 4558N	1472-16353	90	P P
09208W 3605N	1450-16154	60	PPPP	09315W 3724N	1415-16220	80	GGGG	09427W 4557N	1418-16363	40	GGGG
09209W 3601N	1468-16152	90	GGGG	09316W 4848N	1418-16354	100	GGGG	09428W 4144N	1453-16311	10	GGP
09209W 2603N	1448-16071	60	GGGG	09319W 4848N	1400-16364	80	GGG	09428W 3311N	1451-16221	0	GG G

KEYS: CLOUD COVER % 0 TO 100 * X CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
 STANDARD CATALOG FOR CUG
 FROM 11/01/73 TO 11/30/73

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
09428W 3310N	14600-16220	100	PPPP	09528W 3436N	14700-16272	100	PPPP	09630W 2601N	14510-16242	80	GGPG
09429W 3305N	14550-16403	60	PPPP	09529W 3454N	14710-16315	100	GGGG	09631W 4018N	14360-16375	20	PP P
09429W 3144N	14710-16310	100	GGGG	09533W 4308N	14180-16372	0	PPGG	09632W 2601N	14330-16245	20	P P
09431W 3313N	14330-16224	10	PP P	09534W 3433N	14160-16283	30	PPPP	09634W 4727N	14560-16463	0	GGGG
09433W 3739N	14520-16244	0	PPPP	09535W 3454N	14330-16323	100	GGGG	09635W 4018N	14180-16381	10	GGPG
09434W 3727N	14700-16263	30	PPGG	09535W 2435N	13780-16203	80	GGPP	09636W 4722N	14740-16463	10	PPPP
09435W 4847N	14730-16402	40	GGGG	09540W 3451N	14170-16330	100	GGGG	09636W 3559N	14170-16335	60	GGGG
09435W 4145N	14350-16314	100	GGGG	09542W 4405N	14550-16412	20	PPPP	09642W 3020N	14520-16284	0	GGGG
09439W 2728N	14500-16181	80	P	09542W 2853N	14510-16233	30	GG G	09644W 3018N	14700-16283	100	GGPG
09441W 4143N	14170-16321	100	GGGG	09542W 2852N	14690-16231	60	GGGG	09644W 4314N	14550-16421	30	PPPP
09441W 2725N	14680-16175	60	PPPG	09545W 2854N	14330-16240	0	P P	09650W 5003N	14570-16513	100	GGGG
09450W 4438N	14540-16360	10	PPGG	09547W 4458N	14790-16411	30	PPGG	09651W 3437N	14530-16331	0	GGGG
09453W 3145N	14510-16224	0	GG G	09552W 3313N	14520-16275	0	GGGG	09651W 3016N	14160-16294	90	PPPP
09453W 3143N	14690-16222	90	GGGG	09554W 3310N	14700-16274	100	PPP	09652W 2433N	14690-16243	40	PPGG
09454W 4433N	14720-16355	90	P P	09555W 4147N	14540-16365	10	PPGG	09653W 4307N	14730-16420	100	G G
09456W 3147N	14330-16231	10	PP P	09557W 4453N	14540-16461	0	GGGG	09653W 3436N	14710-16330	100	P P
09458W 4021N	14530-16313	0	GGP	09557W 3729N	14530-16322	0	GGG	09653W 2435N	14510-16244	80	GGPG
09500W 4018N	14710-16312	100	GGGG	09558W 4142N	14720-16364	90	P P	09655W 3856N	14540-16374	0	GGGP
09500W 3606N	14520-16270	0	PPP	09558W 3728N	14710-16321	100	GGGG	09655W 2434N	14330-16251	30	P P
09501W 4433N	14180-16370	0	GGGG	09600W 4448N	14740-16460	10	PP P	09656W 3437N	14350-16334	30	GP G
09501W 3601N	14700-16265	70	PPGG	09600W 3307N	14160-16285	70	PPPP	09656W 3851N	14720-16373	90	PP P
09502W 2602N	14500-16183	50	PP G	09603W 3728N	14330-16325	70	GGGG	09702W 3433N	14170-16341	50	GGGG
09504W 2559N	14480-16182	30	PPPG	09605W 4143N	14180-16375	0	GGPG	09705W 3852N	14180-16384	40	GGGG
09505W 4020N	14350-16320	100	GGGG	09606W 2727N	14510-16235	90	GGPG	09706W 2854N	14520-16291	0	PPPG
09506W 4730N	14550-16405	30	PPPP	09606W 2725N	14690-16234	40	GGGG	09709W 4602N	14560-16470	0	GGGG
09508W 3559N	14160-16280	60	PPPP	09609W 3726N	14170-16332	30	GGGG	09709W 2852N	14700-16290	100	GGPG
09511W 4017N	14170-16323	100	GGGG	09609W 2728N	14330-16242	20	P G	09711W 4557N	14740-16465	0	GGPG
09512W 4723N	14730-16405	10	GGGG	09616W 4440N	14550-16414	40	PPPP	09715W 2850N	14160-16301	20	PPPP
09512W 2601N	13780-16201	80	GGPG	09618W 3147N	14520-16282	0	GGGG	09717W 3311N	14530-16334	0	GGGG
09518W 3019N	14510-16230	0	GG G	09619W 3143N	14700-16281	100	PPPG	09719W 3310N	14710-16333	100	PPPP
09518W 3018N	14690-16225	90	GG G	09621W 4433N	14730-16414	80	PP G	09721W 4149N	14550-16423	20	GG G
09521W 3020N	14330-16233	10	PP P	09624W 3603N	14530-16325	0	GGGG	09722W 3310N	14350-16341	40	GG G
09523W 4313N	14540-16362	0	PPGG	09626W 4022N	14540-16371	10	GGGG	09723W 3730N	14540-16380	0	GGGG
09525W 2437N	14500-16190	30	PP P	09626W 3602N	14710-16324	100	GGGG	09724W 4141N	14730-16423	90	P P
09527W 4307N	14720-16362	90	P P	09626W 3143N	14160-16292	90	GGPG	09724W 3725N	14720-16380	90	P P
09527W 3439N	14520-16273	0	PPP	09628W 4016N	14720-16371	90	P P	09728W 4847N	14750-16515	100	PPPP
09527W 2432N	14680-16180	20	PPPG	09629W 2859N	14690-16240	50	PPGG	09728W 3307N	14170-16344	10	GGGG
09528W 3855N	14530-16320	20	GGG	09630W 3602N	14350-16332	10	GG G	09729W 4838N	14570-16520	50	GGPG

KFYB: CLOUD COVER % 00-100 0 % CLOUD COVER. ** * NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY 00-100 00 BLANKS-BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DEC 06 1973

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0059

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
09731W 2728N	1452-16293	10	GGPG	09837W 2852N	1435-16352	70	GG G	09942W 3439N	1455-16444	0	PP G
09733W 3726N	1418-16390	90	GGGG	09840W 4557N	1475-16524	100	PPG	09945W 3016N	1418-16411	50	GGGG
09733W 2725N	1470-16292	90	GGPG	09843W 3312N	1454-16392	0	GGGG	09946W 4307N	1475-16533	60	PPPG
09739W 2724N	1416-16303	10	PGPP	09843W 2849N	1417-16355	20	GGGG	09947W 3855N	1456-16490	10	GP P
09742W 3146N	1453-16340	0	GGGG	09846W 3307N	1472-16391	80	PPPG	09947W 3433N	1473-16443	90	GG G
09743W 4438N	1456-16472	10	GGGG	09847W 4146N	1456-16481	10	GGPG	09949W 3851N	1474-16490	60	GP P
09745W 4432N	1474-16472	10	GGPG	09848W 3731N	1455-16435	0	PP G	09949W 3436N	1437-16451	0	G
09745W 3145N	1471-16335	100	PGPP	09849W 4142N	1474-16481	30	PPPG	09950W 3854N	1438-16494	0	GP G
09747W 3143N	1435-16343	40	GP G	09849W 3309N	1436-16395	10	PP	09952W 2854N	1454-16403	0	GGPG
09750W 3604N	1454-16383	0	GGGG	09853W 3729N	1437-16442	90	G	10001W 4604N	1458-16582	100	PP P
09751W 4023N	1455-16430	20	GG G	09853W 3725N	1473-16434	100	PP G	10001W 2850N	1472-16403	90	PPPG
09753W 3559N	1472-16382	100	PPPG	09855W 3309N	1418-16402	60	GGGG	10004W 2850N	1436-16411	60	PG P
09753W 3142N	1417-16350	10	GGGG	09855W 2727N	1453-16352	0	GGPG	10008W 3314N	1455-16450	0	PP G
09754W 2603N	1452-16300	20	GGPG	09857W 4852N	1422-16583	0	P P	10009W 2849N	1418-16413	70	G PP
09755W 4020N	1437-16433	100	PPPG	09857W 2727N	1471-16351	100	PGPG	10010W 4602N	1422-16592	0	G
09755W 4016N	1473-16425	70	PP G	09902W 2724N	1435-16355	40	GG G	10012W 4148N	1457-16540	0	GGGG
09755W 3601N	1436-16390	10	PP P	09907W 2722N	1417-16362	60	GGGG	10013W 3307N	1473-16450	60	GG G
09756W 2559N	1470-16295	60	GGPG	09908W 4438N	1457-16531	0	GGGG	10014W 4853N	1459-17032	90	P PP
09759W 4729N	1457-16522	10	GGGG	09908W 3146N	1454-16394	0	GGPG	10015W 3729N	1456-16493	10	PP G
09801W 3601N	1418-16383	90	GGGG	09912W 3141N	1472-16394	80	GGPG	10015W 3311N	1437-16483	0	P G
09803W 2558N	1416-16310	10	PGPP	09914W 4432N	1475-16530	100	PPG	10018W 4142N	1475-16535	100	PPG
09805W 4722N	1475-16521	100	PPG	09915W 3606N	1455-16441	10	PP G	10018W 3726N	1474-16492	60	PP P
09807W 3019N	1453-16343	0	GGGG	09915W 3143N	1436-16402	40	GP P	10019W 3728N	1438-16500	40	P G
09810W 3019N	1471-16342	100	PGPP	09917W 4620N	1456-16484	10	GGGG	10024W 2724N	1472-16405	80	PPPP
09812W 3018N	1435-16350	60	GG G	09919W 2601N	1453-16354	10	GGPG	10028W 2723N	1436-16413	30	PP
09816W 4912N	1456-16475	10	GGGG	09920W 4617N	1474-16483	80	PP	10032W 2722N	1418-16420	100	GGPG
09817W 3438N	1454-16385	0	GGGG	09920W 3141N	1418-16404	60	GGPG	10034W 3148N	1455-16453	0	PP 3
09818W 4307N	1474-16474	10	GGGG	09920W 2600N	1471-16353	90	PGPP	10035W 4439N	1458-16585	90	PPPP
09819W 3016N	1417-16353	10	GGGG	09921W 4619N	1438-16491	0	GG G	10039W 3142N	1473-16452	70	GG G
09820W 3857N	1458-16432	0	GP G	09921W 3402N	1437-16444	10	G	10040W 3144N	1437-16460	0	G
09820W 3433N	1472-16385	100	PPPG	09921W 3559N	1473-16441	100	GP G	10043W 4023N	1457-16542	0	GGGG
09822W 3435N	1436-16393	0	PP	09924W 2557N	1438-16361	10	GP P	10049W 3603N	1456-16495	0	GG G
09824W 3855N	1437-16425	100	PPG	09930W 2556N	1417-16364	40	GGGG	10044W 4438N	1422-16595	0	G
09824W 3850N	1473-16432	100	PG G	09933W 3620N	1454-16401	0	GGGG	10045W 3600N	1474-16495	90	P P
09828W 3436N	1418-16395	60	GGPG	09934W 4727N	1422-16590	10	PP G	10047W 3602N	1438-16503	70	P G
09832W 2853N	1453-16345	0	GGPG	09937W 3615N	1472-16400	80	PPPG	10048W 4016N	1475-16542	100	GGPG
09834W 4604N	1457-16524	10	GGGG	09940W 4313N	1457-16533	0	GGGG	10051W 4728N	1459-17034	90	P PP
09834W 2853N	1471-16344	100	PGPP	09940W 3617N	1436-16404	80	GG F	10055W 2556N	1418-16422	100	GGGG

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER. * = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 00 60

PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC X	QUALITY RBY MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC X	QUALITY RBY MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC X	QUALITY RBY MSS 12345678
10058W 3022N	1455-16455	0	P P	10246W 3036N	1422-17013	20	P	10454W 4435N	1461-17160	0	PQPG
10104W 3018N	1437-16442	20	G	10250W 2853N	1454-16520	0	PP G	10457W 4440N	1443-17163	80	P
10104W 3016N	1473-16455	40	GG G	10252W 2849N	1478-16515	20	PP P	10459W 3143N	1440-17031	20	GG G
10107W 4313N	1458-16501	100	PPPP	10255W 4600N	1460-17095	10	GGGG	10501W 3605N	1459-17070	0	G PG
10110W 3438N	1454-16502	0	GP G	10256W 2851N	1438-16523	20	PG	10502W 4018N	1460-17113	60	GGGG
10112W 3857N	1457-16545	0	GGGG	10301W 3214N	1457-16563	0	GG G	10504W 3600N	1441-17074	10	P G
10112W 3434N	1474-16501	100	P P	10306W 4147N	1459-17052	30	P PG	10510W 4726N	1462-17210	60	P
10114W 3437N	1438-16505	100	G	10307W 3731N	1458-17005	0	PPPP	10511W 3604N	1423-17080	0	PP P
10116W 4312N	1422-17001	0	G	10309W 4850N	1461-17145	20	GGPG	10512W 4731N	1444-17212	10	GP G
10118W 3852N	1475-16544	100	PPG	10313W 3725N	1440-17013	0	PP G	10512W 3021N	1458-17030	0	PPPP
10123W 2855N	1455-16442	0	PP P	10313W 2726N	1456-16522	0	PP G	10524W 3017N	1440-17033	10	PP G
10127W 4603N	1459-17041	80	P PG	10315W 2722N	1474-16522	10	PP P	10527W 4309N	1461-17163	30	PPPG
10128W 2853N	1437-16445	30	G	10319W 2725N	1438-16530	10	PG	10527W 3439N	1459-17073	0	P PG
10129W 2849N	1473-16461	30	GG G	10327W 3146N	1457-16565	0	GGPG	10529W 4314N	1443-17165	100	P
10136W 3313N	1454-16504	0	PP P	10328W 4434N	1460-17102	30	GGPG	10532W 3853N	1460-17120	80	GGGG
10138W 3309N	1474-16504	100	G P	10336W 4021N	1459-17055	40	P PG	10533W 3436N	1441-17080	10	P G
10139W 4148N	1458-16594	70	PPPP	10341W 3602N	1440-17015	0	GP G	10533W 3438N	1423-17083	0	P P
10140W 3730N	1457-16551	10	GGGG	10343W 3606N	1422-17022	30	P	10542W 2858N	1458-17032	0	PQPP
10140W 3310N	1438-16512	100	PPPP	10345W 4725N	1461-17151	40	GGGG	10544W 4601N	1462-17212	60	P
10143W 4850N	1460-17090	90	GGGG	10352W 3020N	1457-16572	0	GGPG	10544W 4604N	1444-17215	40	P P
10146W 2729N	1455-16444	0	P G	10401W 4209N	1460-17104	40	GGGG	10544W 2849N	1440-17040	10	GP G
10147W 4146N	1422-17004	0	G	10406W 3856W	1459-17061	20	P PP	10553W 3313N	1459-17075	0	P PG
10152W 2726N	1437-16471	20	G	10407W 3436N	1440-17022	10	G G	10558W 4144N	1461-17165	50	PPPG
10152W 2723N	1473-16464	30	GG G	10410W 3440N	1422-17024	80	P	10600W 3727N	1460-17122	70	GGGG
10201W 3145N	1454-16511	0	PP G	10414W 3854N	1423-17071	20	P P	10601W 4847N	1463-17262	60	GGGG
10202W 4437N	1459-17043	40	G PG	10415W 2854N	1457-16574	0	GGPG	10603W 4854N	1445-17264	50	PP G
10204W 3142N	1474-16510	100	PPPG	10421W 4600N	1461-17154	30	GGGG	10603W 3313N	1423-17085	20	P P
10206W 3144N	1438-16514	90	PPPG	10428W 3813N	1458-17021	0	PPPP	10612W 3146N	1459-17082	0	P GG
10208W 3604N	1457-16554	0	GGPG	10432W 4144N	1460-17111	40	GGGG	10620W 4435N	1462-17215	10	PPG
10209W 4022N	1458-17000	10	PPPP	10433W 4851N	1462-17203	30	PPPG	10622W 3600N	1460-17125	20	GGGG
10219W 4725N	1460-17093	90	GGGG	10434W 4856N	1444-17210	0	GP G	10622W 3146N	1423-17092	10	P
10226W 3018N	1454-16513	0	GGPG	10434W 3730N	1459-17064	0	G PG	10629W 4019N	1461-17172	10	GGGG
10229W 3015N	1474-16513	90	PPPP	10436W 3310N	1440-17024	20	GP G	10632W 4722N	1463-17264	80	GGGG
10232W 3018N	1438-16521	70	PPPG	10436W 3313N	1422-17031	80	P P	10640W 4729N	1445-17270	70	PP G
10235W 4312N	1459-17050	10	GGPG	10438W 2728N	1457-16581	0	GGPG	10642W 3020N	1459-17084	0	P GG
10235W 3439N	1457-16540	0	GGGG	10443W 3729N	1423-17074	0	P P	10652W 4310N	1462-17221	0	GP G
10239W 3856N	1458-17003	0	PPPP	10443W 2723N	1439-16584	100	P	10652W 3019N	1423-17094	10	PP P
10245W 3853N	1440-17010	0	GP G	10453W 3147N	1458-17023	0	PPPP	10654W 3434N	1460-17131	0	PQGG

KEYS: CLOUD COVER % 00000000000000 0 TO 100 % CLOUD COVER. * = NO CLOUD DATA AVAILABLE
IMAGE QUALITY 00000000000000 BLANKS AND NOT PRESENT/REQUESTED. R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

18154 DEC 06 173

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 00 61

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
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10714W 4557N	1463-17271	100	GGPG	10914W 4442N	1448-17334	90	GG G	1113AW 3306N	1463-17305	50	PGGG
10714W 2849N	1441-17094	10	GP G	10919W 3402N	1462-17242	0	P P	11143W 4145N	1465-17395	90	PP P
10715W 4604N	1445-17273	70	PP G	10921W 4018N	1463-17285	70	GGPG	11144W 4853N	1449-17493	100	GPPP
10716W 2853N	1423-17101	20	PP P	10922W 4022N	1445-17291	100	P	11144W 4147N	1447-17401	0	GG P
10720W 3308N	1460-17134	0	GGPG	10923W 3608N	1444-17244	60	P P	11145W 4849N	1467-17491	100	P
10724W 4145N	1462-17224	0	P P	10929W 4726N	1465-17381	80	PP P	11145W 3733N	1446-17354	10	GGPP
10726W 4856N	1446-17322	30	GGPG	10931W 4730N	1447-17383	30	GG P	11145W 3728N	1464-17352	10	GGGG
10727W 3728N	1461-17181	0	GGPG	10946W 4310N	1464-17334	80	GGGG	11204W 3139N	1463-17312	70	GPGP
10728W 4851N	1464-17320	70	GGGG	10946W 3437N	1462-17244	0	P G	11205W 4440N	1448-17450	20	GGPG
10729W 3731N	1443-17183	90	PP	10947W 4315N	1446-17340	90	GGPG	11205W 4434N	1466-17444	70	PGPG
10746W 3142N	1460-17140	0	GGGG	10950W 3850N	1463-17291	20	PPGG	11213W 3607N	1446-17361	10	GGPG
10748W 4432N	1463-17273	100	GGGG	10950W 3442N	1444-17251	50	PP P	11213W 3602N	1464-17354	0	GGGG
10749W 4440N	1445-17275	10	P P	10955W 3856N	1445-17293	100	P	11214W 4021N	1447-17403	0	GG P
10754W 4019N	1462-17230	0	GGPG	11005W 4601N	1465-17383	100	P P	11214W 4019N	1465-17401	40	PP P
10754W 3601N	1461-17183	0	P PP	11007W 4605N	1447-17385	30	GG P	11221W 4728N	1449-17495	80	GPPP
10757W 3606N	1443-17190	70	PP	11013W 3310N	1462-17251	0	P G	11222W 4724N	1467-17494	70	P
10758W 4024N	1444-17233	70	P	11015W 3316N	1444-17253	40	PP P	11228W 3014N	1463-17314	30	PGPG
10804W 4732N	1446-17325	60	GG G	11017W 4144N	1464-17340	70	GGGG	11237W 4315N	1448-17453	0	GGPG
10805W 4726N	1464-17322	50	GGGG	11018W 4855N	1448-17435	40	GP P	11237W 4311N	1466-17451	70	PGPG
10816W 3014N	1442-17150	0	P	11018W 4851N	1466-17433	100	PP P	11239W 3441N	1446-17363	0	GGPG
10820W 4306N	1463-17280	100	PGGG	11018W 4149N	1444-17343	90	GGPG	11239W 3437N	1464-17361	0	GGGG
10821W 4313N	1445-17282	90	PP	11018W 3724N	1463-17294	0	GGPG	11243W 3854N	1447-17410	0	GG P
10821W 3435N	1461-17190	0	P PG	11021W 3731N	1445-17300	40	PP	11243W 3854N	1465-17404	10	PP P
10823W 3854N	1462-17233	0	PP G	11039W 4436N	1465-17390	100	PP P	11254W 4603N	1449-17502	70	GGPP
10824W 3440N	1443-17192	60	PP P	11040W 3149N	1444-17260	20	PP P	11257W 4559N	1467-17500	50	P P
10827W 3859N	1444-17235	50	PP P	11041W 4439N	1447-17392	50	GGPP	11305W 3310N	1464-17363	0	GGGG
10840W 4607N	1446-17331	90	GG G	11046W 3859N	1463-17300	0	GGGP	11304W 3315N	1446-17370	0	GGPG
10840W 4601N	1464-17325	60	PGGG	11047W 4019N	1464-17343	30	GGGG	11308W 4149N	1448-17455	0	GG G
10840W 2848N	1442-17182	0	PP	11048W 4023N	1448-17345	70	GGPG	11308W 4146N	1466-17453	50	PGPG
10847W 3309N	1461-17192	0	G PG	11055W 4730N	1448-17441	90	PP P	11309W 4855N	1450-17551	80	P
10851W 4140N	1463-17282	90	GGGG	11055W 4726N	1466-17435	100	GG G	11311W 3729N	1465-17410	0	PP P
10851W 3314N	1443-17195	40	PP	11112W 4310N	1468-17392	100	PP P	11312W 4849N	1468-17550	80	GPPP
10852W 4851N	1465-17374	40	PP P	11113W 4313N	1447-17394	10	GG P	11312W 3731N	1447-17412	0	PG P
10852W 4148N	1445-17284	100	P	11113W 3434N	1463-17303	0	GGGG	11327W 4849N	1378-17564	60	GPPP
10852W 3728N	1462-17235	0	P P	11116W 3854N	1464-17345	20	GGPG	11330W 4437N	1449-17504	20	GGPG
10854W 4855N	1447-17380	30	GP P	11117W 3858N	1446-17352	30	GGPG	11330W 3144N	1464-17370	0	GGGG
10856W 3734N	1444-17242	40	P	11130W 4605N	1448-17444	30	GGPP	11331W 4434N	1467-17503	70	P P

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY % BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

PRINCIPAL P.Y.				OBSERVATION	CC	QUALITY				PRINCIPAL P.Y.				OBSERVATION	CC	QUALITY			
OF IMAGE		ID	X			RBV MSS		OF IMAGE		ID	X	RBV MSS				OF IMAGE		ID	X
LONG	LAT			12345678	LONG	LAT	12345678	LONG	LAT			12345678	LONG	LAT	12345678	LONG	LAT		
11332W	3149N	1446017372	0	GG P	11525W	4700N	1451018013	0	GGGG	11700W	4312N	1433018030	0				G		
11332W	4023N	1448017462	0	GG P	11528W	4314N	1450017565	0	GP G	11702W	3852N	1468017575	50				GP GG		
11339W	4021N	1446017440	100	PPPG	11530W	3440N	1448017480	0	GGPP	11704W	4248N	1451018024	0				PGPG		
11339W	3603N	1443017413	0	PP P	11531W	4308N	1468017564	30	GGGG	11714W	4604N	1452018073	10				GGPG		
11340W	3604N	1447017415	0	PG P	11533W	3439N	1466017474	90	GGPG	11714W	3854N	1378017594	60				GGPG		
11347W	4730N	1450017555	40	PP G	11534W	3856N	1449017522	20	GGPP	11714W	4601N	1470018071	100				PP P		
11349W	4724N	1448017552	40	GGPG	11536W	3852N	1467017521	20	P P	11723W	3313N	1449017540	10				GGGP		
11354W	3018N	1446017372	0	GGGG	11544W	4310N	1478017582	30	GGPG	11724W	3309N	1467017535	30				PG G		
11402W	4311N	1449017511	10	GGPG	11550W	4400N	1469018013	90	G	11724W	4855N	1453018122	70				GGPG		
11404W	4725N	1478017571	90	GGPG	11554W	4402N	1433018021	0	GG G	11727W	4559N	1416018082	0				GGPG		
11406W	4308N	14467017505	20	P G	11556W	4313N	1448017482	0	GGPG	11728W	3731N	1450017583	0				G		
11406W	3438N	14467017421	0	PG P	11559W	3313N	1466017480	40	GP G	11729W	4851N	1471018121	40				P P		
11406W	3437N	1468017415	0	PP P	11600W	4335N	1451018015	0	GGGG	11729W	4144N	1469018024	60				GGPP		
11408W	3858N	1448017444	0	GGPP	11600W	4149N	1450017572	0	G G	11731W	3727N	1468017582	20				GP GG		
11409W	3854N	1446017442	40	GGPP	11601W	4454N	1452018064	20	PPPG	11732W	4851N	1435018125	50				GG G		
11411W	4950N	1451018004	10	GG G	11602W	4142N	1468017570	80	GGGG	11737W	4120N	1451018031	0				GG G		
11422W	4605N	1443017560	10	PPPG	11603W	3731N	1449017525	0	GGPP	11740W	4847N	1417018132	10				GGGG		
11424W	4558N	1448017555	20	GGGG	11604W	4850N	1470018062	80	GP P	11742W	3728N	1378018000	90				GGPG		
11432W	3311N	1447017424	0	GG P	11604W	3726N	1467017523	0	P	11748W	4439N	1452018075	0				GGPG		
11433W	4146N	1449017513	20	GGPP	11615W	4448N	1416018073	30	PPPG	11748W	3147N	1449017543	10				GGGP		
11433W	3312N	1468017422	0	P P	11615W	4146N	1478017585	0	GGPG	11749W	3142N	1467017541	30				PPPG		
11436W	4143N	14467017512	20	P	11621W	3147N	1448017485	20	GGPP	11750W	4435N	1470018074	100				PP P		
11436W	3732N	1448017471	0	GG P	11624W	4434N	1469018015	90	G	11754W	3605N	1450017590	0				P P		
11437W	4850N	1446017404	100	P	11624W	3147N	1466017483	70	GGPG	11758W	3601N	1468017584	20				GGGG		
11437W	3729N	1466017465	10	GGPP	11628W	4438N	1433018024	0	PP G	11759W	4018N	1469018031	50				PP P		
11439W	4559N	1378017573	100	GGPG	11630W	4023N	1450017574	0	P G	11801W	4433N	1416018085	0				GGPG		
11449W	4825N	1451018010	0	GGGG	11631W	3605N	1449017531	0	GGPP	11803W	4731N	1453018124	60				GGPG		
11456W	4440N	1450017563	0	GGPG	11631W	3601N	1467017530	0	P	11804W	4726N	1471018123	90				G		
11457W	3146N	1447017430	0	GG P	11633W	4017N	1468017573	80	GGGG	11807W	3954N	1451018033	0				GG G		
11458W	4433N	1468017561	30	GGGG	11634W	4410N	1451018022	0	GGPG	11809W	3601N	1378018003	60				GGPG		
11458W	3146N	1445017424	0	P P	11639W	4729N	1452018070	10	GGPG	11810W	4725N	1435018132	10				G G		
11504W	4021N	1449017520	30	GGPP	11640W	4726N	1470018065	100	GP P	11817W	4722N	1417018134	10				GGGG		
11504W	3606N	1448017473	0	GGPP	11645W	4019N	1478017591	10	GGPG	11820W	4313N	1452018082	0				GGPG		
11505W	3604N	1466017471	0	PPPG	11652W	4723N	1416018080	10	GGPG	11822W	3440N	1450017592	10				P		
11507W	4017N	1467017514	60	P	11657W	4309N	1469018022	40	PP P	11823W	4310N	1470018080	80				PP G		
11512W	4434N	1378017580	90	GGPG	11658W	3439N	1449017534	0	GGPP	11825W	3435N	1468017591	20				GGGG		
11514W	4725N	1469018010	80	P	11658W	3435N	1467017532	20	P	11828W	3853N	1469018033	40				PP P		
11518W	4727N	1433018015	0	PG G	11659W	3857N	1450017581	0	G	11834W	4308N	1416018091	0				PPPG		

KEYS: CLOUD COVER % N TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:56 DEC 06/73

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0063

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
11836W 3827N	1454-18040	0	GG G	12006W 4603N	1454-18185	50	GGGG	12137W 4601N	1437-18251	0	PG G
11836W 3436N	1378-18005	50	GPPG	12008W 4558N	1472-18184	90	P	12142W 3313N	1452-18111	40	PGPG
11839W 4605N	1453-18131	80	GGPG	12012W 4559N	1436-18192	10	PP P	12142W 3311N	1470-18110	20	PGFP
11841W 4601N	1471-18130	90	P	12016W 4149N	1453-18142	70	GGGG	12144W 4147N	1454-18201	70	GGGG
11845W 4600N	1435-18134	20	P G	12017W 4558N	1418-18195	40	PPGG	12144W 3732N	1453-18154	90	GGGG
11848W 3314N	1450-17595	90	G	12017W 3309N	1469-18051	10	GGGG	12147W 4142N	1472-18200	100	P
11851W 4148N	1452-18084	0	GGPG	12018W 4855N	1455-18234	100	P	12148W 3729N	1471-18153	90	P
11851W 3309N	1468-17593	40	GGGG	12021W 3731N	1452-18100	10	GGPG	12148W 4143N	1436-18204	0	PP P
11852W 4557N	1417-18141	10	GGGG	12021W 3312N	1433-18060	100	P	12150W 4848N	1474-18292	100	G
11853W 4853N	1454-18180	90	GGPG	12022W 3728N	1470-18094	90	PG P	12151W 4850N	1438-18300	40	PP G
11854W 4145N	1470-18083	90	PP P	12023W 4144N	1435-18150	10	G G	12151W 3308N	1416-18121	100	GGPG
11855W 4848N	1472-18175	90	GPPG	12024W 4848N	1473-18234	60	P	12155W 4141N	1418-18211	0	GGPG
11856W 3727N	1469-18040	0	PPPG	12025W 4852N	1437-18242	20	P P	12158W 3724N	1417-18164	40	GGGG
11900W 4850N	1436-18183	10	PGPP	12025W 3244N	1451-18054	90	GPPG	12211W 4436N	1437-18253	0	PG G
11902W 3310N	1378-18012	100	PGPG	12030W 4141N	1417-18152	10	GGGG	12212W 3606N	1453-18160	40	GGGG
11904W 4143N	1416-18094	10	PPPP	12032W 3726N	1416-18105	0	PPPG	12215W 4022N	1454-18203	80	GGGG
11905W 4847N	1418-18190	90	GGGG	12040W 4438N	1454-18192	60	GGGG	12215W 3603N	1471-18155	90	P
11905W 3702N	1451-18042	0	GG G	12042W 4432N	1472-18191	100	P	12217W 4016N	1472-18202	100	G
11913W 4440N	1453-18133	70	GGPG	12046W 4434N	1436-18195	20	GP P	12220W 4018N	1436-18210	10	PP P
11919W 4435N	1435-18141	30	PG G	12047W 4024N	1453-18145	100	GGGG	12224W 4018N	1418-18213	0	GGGG
11922W 4022N	1452-18091	0	GGPG	12049W 3604N	1452-18102	0	GGPG	12225W 3559N	1417-18170	80	GGGG
11924W 4019N	1470-18085	100	PP P	12049W 3602N	1470-18101	20	GP P	12226W 4723N	1474-18295	90	GP
11924W 3602N	1469-18042	0	PPPG	12051W 4433N	1418-18202	40	GGGG	12227W 4725N	1438-18302	40	PP G
11926W 4432N	1417-18143	10	GGGG	12053W 4019N	1435-18152	20	P	12230W 3441N	1453-18163	80	GGPG
11930W 4728N	1454-18183	70	GGPG	12059W 3600N	1416-18112	30	PGPG	12242W 3437N	1471-18162	80	PP G
11932W 4723N	1472-18182	90	P P	12101W 4723N	1473-18240	100	P	12244W 4311N	1437-18260	0	PG G
11932W 3536N	1451-18045	10	GG G	12101W 4015N	1417-18155	10	GGGG	12244W 3856N	1454-18210	80	GGGG
11934W 4017N	1416-18160	10	PPPG	12102W 4726N	1437-18244	0	PP G	12245W 3436N	1435-18170	100	G
11937W 4725N	1436-18190	10	P P	12113W 4313N	1454-18194	70	GGGG	12244W 3851N	1472-18205	100	P
11941W 4722N	1418-18193	40	PPPG	12115W 4307N	1472-18193	100	P	12250W 3852N	1436-18213	0	PP P
11945W 4315N	1453-18140	70	GGPG	12116W 3858N	1453-18151	100	GGPG	12252W 3434N	1417-18173	100	GGGG
11951W 3436N	1469-18045	10	PPPG	12116W 3439N	1452-18105	0	GGPG	12253W 3850N	1418-18220	20	GGGG
11952W 4309N	1435-18143	0	P P	12116W 3436N	1470-18103	30	PGPP	12258W 4602N	1456-18302	90	P
11952W 3856N	1452-18093	0	GGPG	12118W 4309N	1436-18201	10	PP P	12301W 4558N	1474-18301	100	P
11953W 3853N	1470-18092	90	PP P	12119W 3854N	1471-18150	90	P	12302W 4600N	1438-18305	0	PP G
11959W 4307N	1417-18150	10	GGGG	12123W 4306N	1418-18204	10	GGPG	12310W 4852N	1457-18351	30	GGGG
11959W 3410N	1451-18051	60	GGPG	12125W 3434N	1416-18114	90	GGPG	12310W 4148N	1455-18255	90	P
12003W 3852N	1416-18103	0	PPPG	12130W 3849N	1417-18161	10	GGGG	12312W 3730N	1454-18212	90	GGGG

KEYS: CLOUD COVER % 00..... 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY 00..... BLANKS, BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DEC 06 1973

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 00 64

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
12314W 3725N	1472018211	00	G P	12354W 4724N	1439018361	80	P	12452W 4438N	1457018362	100	GGPG
12316W 4145N	1437018262	0	PP G	12406W 4312N	1456018311	70	P Q	12502W 4020N	1456018320	80	P G
12317W 4849N	1430018354	70	P	12407W 4308N	1474018310	100	G	12509W 4017N	1474018315	100	P
12318W 3726N	1434018215	20	GPPP	12409W 4310N	1438018314	0	PP P	12517W 4018N	1438018323	20	PPPP
12321W 3724N	1418018222	40	GPPG	12410W 3857N	1456018264	90	P P	12513W 4728N	1458018411	100	PPPP
12333W 4437N	1456018304	50	P	12416W 3854N	1437018271	0	PGPG	12537W 4313N	1457018365	100	GGPG
12335W 4433N	1474018304	100	G	12416W 3433N	1418018231	100	PGPG	12550W 4603N	1458018414	70	PPPP
12336W 4435N	1438018311	0	PP G	12423W 4603N	1457018360	90	GGPG	12552W 4600N	1440018421	90	P
12340W 3603N	1454018215	90	GGGG	12436W 4854N	1458018405	100	PPPP	12601W 4856N	1459018463	90	P PP
12341W 4023N	1455018261	90	P P	12438W 4146N	1456018313	80	P G	12602W 4147N	1457018371	80	GGPG
12342W 3600N	1472018214	70	GPPG	12438W 3731N	1455018270	90	G	12609W 4855N	1423018473	80	P
12346W 3601N	1436018222	40	GPPP	12439W 4142N	1474018313	100	G	12609W 4849N	1441018471	70	GP P
12347W 4728N	1437018353	70	GGGG	12440W 4144N	1438018320	20	PPPP	12624W 4438N	1458018420	90	PP P
12347W 4020N	1437018265	0	GP G	12444W 3728N	1437018274	0	PPPP				
12349W 3558N	1418018225	70	GPPG	12447W 4852N	1422018415	80	P				

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS AND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DFC 04, 173

COORDINATE LISTING
STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 00 65

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
17833E 5300N	1463-22345	90	PG	13139W 6123N	1468-19343	20	PGGG	13544W 6000N	1416-19473	0	GGGG
17750E 5136N	1463-22351	100	PP	13153W 5429N	1465-19192	50	G G	13550W 6131N	1453-19515	80	GGGG
17708E 5307N	1444-22405	20	G PG	13155W 5431N	1447-19194	90	P	13557W 5721N	1451-19414	0	GGPP
17625E 5143N	1446-22412	80	P PP	13157W 6246N	1469-19395	0	GGGG	13559W 6126N	1435-19522	70	P P
17543E 5309N	1447-22464	90	PPG	13211W 5841N	1449-19295	90	GP	13604W 5715N	1469-19413	0	GGGG
17459E 5143N	1447-22470	0	GGGG	13230W 5857N	1448-19250	100	PPPG	13610W 6250N	1454-19571	70	GGGG
17419E 5308N	1448-22522	30	GGGG	13230W 5853N	1464-19244	0	GPPP	13618W 6414N	1455-20022	0	GGGG
17335E 5144N	1448-22524	100	GGGG	13236W 6006N	1450-19351	30	PPPP	13619W 6653N	1457-20130	0	GGG
17320E 5139N	1412-22534	100	GP P	13242W 6000N	1468-19345	0	GGGG	13624W 6536N	1456-20074	0	GGG
17252E 5306N	1467-22574	80	GGPG	13259W 6130N	1451-19402	40	GPGP	13625W 5843N	1452-19470	90	GGGG
17250E 5309N	1449-22580	90	GGGG	13306W 6124N	1469-19401	0	GGGG	13632W 5839N	1470-19464	20	GGPG
17210E 5432N	1450-23032	30	PPPP	13306W 5718N	1449-19301	90	GPPP	13644W 5557N	1451-19420	40	GGGG
17207E 5427N	1468-23030	90	GGPG	13307W 5714N	1467-19300	0	PP	13654W 6008N	1453-19521	100	GGGG
17207E 5145N	1449-22583	90	GGGG	13318W 5433N	1448-19252	90	PPPG	13654W 6003N	1471-19520	0	GPPP
17156E 5427N	1414-23042	90	GGP	13318W 5429N	1466-19250	30	PPGP	13702W 6003N	1435-19525	90	P P
17125E 5307N	1450-23034	30	PPPP	13322W 6247N	1470-19453	40	GGPG	13710W 6128N	1454-19573	80	GGGG
17123E 5303N	1468-23033	70	GGGG	13327W 6414N	1453-19510	40	GGGG	13720W 5719N	1452-19472	50	GGGG
17111E 5303N	1414-23044	90	GGPG	13335W 5843N	1450-19353	50	PPPP	13724W 6122N	1472-19572	0	GGPG
17029E 5138N	1414-23051	50	PGGG	13336W 6409N	1435-19513	60	P	13727W 5716N	1470-19471	60	GGPG
12814W 5549N	1463-19073	100	GPG	13336W 6243N	1416-19464	0	GGGG	13733W 6812N	1459-20240	0	PGGG
12846W 5721N	1444-19131	90	GGP	13340W 5837N	1468-19352	0	GGGP	13734W 6251N	1455-20025	10	GGGG
12848W 5716N	1464-19124	20	GGGG	13357W 5554N	1449-19304	100	PPPP	13745W 6653N	1458-20184	0	GG
12902W 5425N	1463-19075	100	GPPP	13358W 5550N	1467-19302	0	P P	13747W 6414N	1456-20081	0	GGG
12919W 5839N	1465-19180	40	P P	13403W 6007N	1451-19405	0	GPQP	13748W 6532N	1457-20132	0	GGG
12920W 5842N	1447-19182	10	G	13409W 6002N	1469-19404	0	GGGG	13753W 5844N	1453-19524	100	GGGG
12938W 5557N	1446-19133	90	P	13429W 5720N	1450-19360	50	PPPP	13758W 5839N	1471-19523	50	GPPP
12940W 5552N	1464-19131	40	GPGG	13430W 6125N	1470-19455	60	GGPG	13801W 5840N	1435-19531	90	P P
13013W 5716N	1465-19183	20	G P	13434W 5715N	1468-19354	0	GGGP	13822W 6005N	1454-19580	70	GGGG
13015W 5719N	1447-19185	10	PG	13441W 6253N	1453-19512	50	GGGG	13827W 6000N	1472-19575	0	GGGG
13027W 5433N	1446-19140	80	PPP	13444W 5431N	1449-19310	60	GGPP	13836W 6932N	1443-20353	40	GGGG
13028W 5428N	1464-19133	80	G GG	13450W 6248N	1435-19520	50	P	13839W 6929N	1461-20350	0	GGGG
13043W 5840N	1464-19235	100	PP	13455W 6412N	1454-19564	80	GGGG	13842W 6129N	1455-20031	30	GGGG
13044W 5844N	1448-19241	60	GGGG	13502W 5845N	1451-19411	0	GPPG	13847W 5721N	1453-19530	90	GGGG
13105W 5553N	1465-19185	10	G P	13507W 5838N	1469-19410	10	GGGG	13851W 6123N	1473-20031	40	GGGG
13106W 5555N	1447-19191	80	G	13521W 5556N	1450-19362	50	PPPP	13854W 5716N	1435-19534	90	G P
13133W 6129N	1450-19344	70	PPPP	13525W 5551N	1468-19361	10	GGPG	13902W 6253N	1456-20083	0	GGGP
13138W 5720N	1448-19243	90	PPPG	13526W 6005N	1452-19463	80	GGGP	13904W 6810N	1460-20294	20	GGGG
13138W 5717N	1464-19241	50	PPPP	13533W 6002N	1470-19462	50	GPPG	13910W 6411N	1457-20135	70	PG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
 STANDARD CATALOG FOR ALASKA
 FROM 11/01/73 TO 11/30/73

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY REV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
13912W	6653N	10	GGGG	14210W	5844N	10	GGGP	14542W	6933N	10	PGPG
13915W	6532N	0	PPG	14212W	6830N	10	GGGG	14554W	6124N	70	GGGG
13921W	6842N	70	GGGG	14217W	5835N	40	PPPP	14558W	5719N	80	PG
13925W	5836N	40	GGPG	14231W	5857N	10	GGGG	14608W	6815N	20	G
13927W	5842N	40	PP P	14237W	6005N	0	GG	14612W	5430N	60	PG
13938W	5857N	70	GGGG	14251W	6933N	40	P PP	14617W	6247N	100	GGGG
13945W	6006N	10	GGGG	14301W	6128N	0	PPG	14614W	6250N	100	PGGP
13948W	5552N	90	P P	14304W	5721N	20	GGGP	14622W	6654N	20	PG
13954W	6000N	20	GGPG	14318W	6250N	60	GGGG	14625W	6408N	20	GGGP
14004W	6929N	0	GGGG	14324W	5432N	10	GGGG	14629W	5842N	90	GGGG
14010W	6130N	0	GGGP	14321W	6806N	60	GGGG	14630W	6524N	40	GGGG
14016W	5718N	40	GGGG	14325W	6242N	30	PPPG	14632W	7049N	100	PPPP
14021W	5719N	80	PP P	14328W	6813N	100	GP	14634W	5834N	10	GPFG
14024W	6250N	90	PG	14334W	6450N	30	GGGG	14637W	6533N	100	GP
14027W	5433N	70	GGGG	14334W	6408N	50	GGGG	14640W	5555N	90	PG
14029W	6813N	60	GGGG	14336W	5842N	10	PGPG	14659W	6001N	80	GGGG
14030W	6810N	0	GGGG	14337W	6530N	0	GGGG	14708W	6934N	0	GGGG
14036W	5429N	100	P P	14338W	7050N	0	GGPG	14721W	6125N	100	GGGG
14037W	6412N	0	G	14340W	6533N	90	GGPP	14722W	6129N	80	PGPG
14042W	6533N	50	GGGG	14356W	5857N	10	GGG	14732W	6814N	20	PGPG
14043W	6650N	40	GGGG	14404W	6005N	10	PPG	14737W	5431N	100	G
14044W	5844N	10	PGGG	14417W	6934N	10	P	14739W	6247N	60	GGGP
14052W	5837N	60	GGGG	14427W	6128N	10	GGGG	14748W	6654N	30	G
14107W	5555N	70	GGGG	14431W	5718N	30	PGG	14751W	6534N	60	PG
14111W	5555N	60	PP P	14434W	6120N	0	GGPG	14751W	6405N	30	GPGG
14112W	6007N	0	GGGP	14442W	6814N	20	PG	14753W	6530N	90	GGGG
14118W	5958N	10	PPPG	14445W	5433N	10	GGG	14757W	7051N	50	GGGG
14133W	6128N	0	GG	14448W	6246N	60	GGGG	14757W	5838N	80	GGGG
14138W	6932N	90	GG	14458W	6409N	10	GGGG	14758W	6412N	90	PG
14139W	5720N	10	GGGG	14500W	6446N	40	GGGG	14824W	6002N	100	GGGG
14152W	6250N	0	P	14501W	7051N	0	GGGG	14824W	6004N	80	GGGG
14155W	4810N	40	PPGG	14502W	6412N	100	GGGP	14837W	6932N	100	PPPP
14155W	5430N	70	GGGG	14503W	6530N	30	GGGG	14847W	6125N	70	GGGP
14159W	5431N	60	PP P	14503W	5842N	50	PPG	14901W	6815N	0	GGGG
14203W	6412N	60	GGGG	14507W	6454N	100	GG	14905W	6243N	50	GPGG
14208W	6650N	0	GGGG	14523W	5855N	30	PGG	14913W	6413N	50	PPG
14210W	6653N	70	GGGG	14530W	6005N	60	GGGP	14913W	6250N	100	GG
14210W	6403N	30	GGPG	14537W	5837N	0	GGPG	14914W	6655N	0	PGPG

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15:54 DEC 06/73

COORDINATE LISTING
STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0067

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
14915W 4409N	1464-20540	90	GPGG	15235W 5552N	1462-20450	100	GGGP	15506W 6409N	1468-21165	0	GGGG
14919W 4536N	1447-20593	60	G	15239W 6007N	1446-20553	30	PPPG	15506W 5845N	1447-21014	30	PPG
14920W 4530N	1465-20591	10	PG	15243W 6002N	1464-20551	70	GPGG	15508W 6528N	1469-21221	0	GPGG
14922W 7048N	1452-21263	90	GGGG	15250W 6932N	1453-21323	10	GGGG	15510W 5840N	1465-21012	50	PP G
14923W 5839N	1461-20382	40	GGGG	15303W 6131N	1447-21005	20	G	15526W 5557N	1446-20565	30	PPPG
14924W 5843N	1443-20385	20	GPGG	15307W 6928N	1438-21331	80	PP G	15529W 5553N	1464-20563	20	GGG
14950W 6002N	1462-20434	90	GGGP	15307W 6126N	1465-21003	10	PP G	15535W 6006N	1448-21070	10	GPGG
15002W 6933N	1451-21211	40	GPGP	15311W 5712N	1463-20502	90	GPGP	15535W 6003N	1466-21064	0	G GP
15013W 6121N	1463-20490	80	GPGG	15318W 6812N	1452-21272	80	GGGG	15544W 6931N	1455-21440	10	GGGG
15019W 5720N	1443-20392	10	GGGG	15318W 5720N	1427-20511	0	PPPP	15588W 6132N	1449-21121	0	GGGG
15022W 6128N	1427-20495	100	GG	15323W 6251N	1448-21061	10	GPGG	15600W 6123N	1467-21120	0	GGGG
15027W 4813N	1450-21155	100	PPPP	15323W 6248N	1466-21055	0	G G	15601W 5722N	1447-21020	20	PPG
15028W 6252N	1444-20544	30	PP	15333W 6455N	1451-21220	100	GPG	15605W 5716N	1465-21014	50	PP G
15030W 6247N	1464-20542	90	PPGG	15333W 6415N	1449-21112	0	GPGG	15610W 6812N	1454-21384	70	GGGG
15041W 6656N	1449-21103	0	GPGG	15337W 6533N	1450-21164	90	PPPP	15614W 6250N	1450-21173	100	PPPP
15041W 6414N	1447-21000	40	G	15337W 6407N	1467-21111	0	GGGG	15614W 6812N	1436-21391	70	PP
15042W 6409N	1465-20594	20	G PG	15338W 5844N	1446-20580	40	PPPG	15621W 6247N	1468-21172	60	G PG
15044W 7050N	1453-21321	0	GGGG	15340W 7048N	1455-21433	10	GGGP	15622W 6654N	1453-21332	10	GGGG
15045W 4534N	1448-21052	10	GPGG	15342W 5839N	1464-20554	10	PPP	15623W 6414N	1451-21225	100	GPP
15049W 5839N	1462-20441	100	GPGP	15345W 6529N	1468-21163	0	GGG	15623W 6533N	1452-21281	90	GGGG
15103W 7046N	1438-21324	20	PG G	15402W 5548N	1463-20504	90	GPGP	15629W 6408N	1469-21224	0	GGGG
15111W 5556N	1443-20394	50	GPGG	15407W 6008N	1447-21011	10	PG	15633W 7047N	1457-21550	30	G
15116W 5959N	1463-20493	90	GPGP	15410W 5856N	1427-20513	30	PPP	15633W 5840N	1466-21070	0	G GP
15125W 6006N	1427-20502	60	PG	15411W 6003N	1465-21005	10	PP G	15634W 6530N	1470-21280	20	GG G
15127W 6931N	1452-21265	100	GGGG	15419W 6930N	1454-21382	80	GPGP	15634W 5843N	1448-21072	40	GPGG
15136W 6129N	1446-20551	20	PPG	15431W 6126N	1466-21061	0	G PP	15635W 6650N	1435-21340	90	P
15139W 6125N	1464-20545	90	GPPG	15432W 6129N	1448-21063	10	GPGG	15653W 5558N	1447-21023	60	G
15144W 5716N	1462-20443	100	GPGP	15434W 5720N	1444-20562	10	GPG	15655W 5552N	1465-21021	60	PP P
15154W 4815N	1451-21213	80	GPGP	15437W 5716N	1464-20560	20	GPG	15702W 6008N	1449-21124	20	GGGG
15155W 6254N	1447-21002	20	G	15442W 6814N	1453-21330	20	GPGG	15702W 6001N	1467-21122	80	GGGG
15157W 6248N	1465-21000	20	GPPG	15448W 6254N	1449-21115	0	GGGG	15711W 6932N	1456-21494	0	GGG
15206W 6654N	1450-21162	50	PPPP	15451W 6246N	1467-21113	0	GGGG	15724W 6128N	1450-21180	100	PPPP
15207W 6413N	1448-21054	10	GPGG	15457W 6810N	1435-21333	100	P	15729W 5717N	1466-21073	90	G
15211W 4536N	1449-21110	0	GPGG	15457W 6453N	1452-21274	90	GPGG	15729W 6124N	1468-21174	90	G PG
15215W 7048N	1454-21375	90	GGGG	15458W 5432N	1427-20520	30	PPP	15729W 5719N	1448-21075	40	GGGG
15215W 5836N	1463-20495	90	GPGP	15459W 6412N	1450-21171	100	PPPP	15734W 6813N	1455-21442	0	GGGG
15216W 4528N	1467-21104	0	GGGG	15502W 6835N	1451-21222	90	GPGP	15738W 6252N	1451-21231	90	GGG
15224W 5843N	1427-20504	20	PP	15506W 7050N	1456-21492	0	GGG	15741W 5434N	1447-21025	60	PPG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
 STANDARD CATALOG FOR ALASKA
 FROM 11/01/73 TO 11/30/73

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
15745W 6247N	1469-21230	0	GGPG	16006W 6430N	1458-22011	30	G	16214W 6405N	1473-21453	100	PPPG
15749W 6412N	1452-21283	90	GGGG	16014W 6428N	1452-21292	90	GGGP	16217W 5842N	1452-21301	80	GGGG
15750W 6653N	1454-21391	40	GGGG	16018W 6424N	1470-21291	20	PG F	16218W 7052N	1443-22182	90	GGPG
15752W 6534N	1453-21335	20	GGGG	16021W 5719N	1450-21191	100	PPPP	16221W 5839N	1470-21300	40	PPPG
15753W 6408N	1470-21282	0	GP G	16025W 5715N	1468-21190	20	GGGG	16223W 7044N	1461-22175	60	GGGG
15758W 6652N	1436-21394	80	PP	16029W 6411N	1457-21555	0	G	16237W 5557N	1451-21252	80	GGGG
15800W 5845N	1449-21130	10	GGGG	16030W 6252N	1453-21344	10	GGGG	16241W 5552N	1469-21251	80	GPFG
15801W 7047N	1458-22004	20	PPG	16033W 5433N	1449-21142	40	PPGG	16243W 6007N	1453-21353	10	GGGG
15802W 5838N	1467-21175	90	GPFG	16034W 6246N	1471-21343	100	PPPG	16247W 6002N	1471-21352	90	PPPP
15805W 6530N	1435-21342	80	P	16035W 5427N	1467-21140	100	GPFG	16249W 5304N	1468-21201	90	GPFG
15820W 5556N	1448-21081	30	PPGG	16039W 6247N	1435-21351	80	PP	16252W 6002N	1435-21360	70	GG P
15820W 5554N	1466-21075	90	G	16041W 6454N	1456-21503	20	GGG	16301W 6927N	1460-22124	100	GGGG
15827W 6006N	1450-21182	100	PPPP	16042W 6411N	1454-21400	60	GGGG	16305W 6127N	1454-21405	50	GGGG
15832W 6002N	1468-21181	100	G PG	16046W 6433N	1453-21451	10	GGGG	16310W 6121N	1472-21404	70	GGPG
15838W 4930N	1457-21582	0	G	16046W 6405N	1472-21395	90	PPPG	16311W 6127N	1436-21412	90	PP
15847W 6130N	1451-21234	80	GGP	16049W 6411N	1436-21403	90	PP	16312W 5719N	1452-21304	70	GGGG
15854W 6125N	1469-21233	0	GGGG	16050W 5844N	1451-21243	90	GPFG	16314W 5716N	1470-21303	40	PP G
15855W 5722N	1449-21133	10	GGPP	16056W 5839N	1469-21242	50	GGPG	16320W 6811N	1459-22072	90	GPFG
15856W 5714N	1467-21131	90	GGP	16057W 7045N	1460-22121	100	GGGG	16323W 6250N	1455-21460	10	GGGG
15902W 6814N	1456-21501	0	GGG	16112W 5856N	1450-21194	100	PPPP	16325W 5433N	1451-21254	70	GGGP
15905W 6250N	1452-21290	90	GGGG	16116W 5552N	1468-21192	40	GPFG	16328W 5428N	1469-21253	90	GPFG
15907W 5432N	1448-21084	30	PPGG	16118W 6005N	1452-21295	100	GGGG	16331W 6243N	1473-21460	100	P P
15908W 5430N	1466-21082	90	G P	16122W 6002N	1470-21294	20	GGPG	16332W 6413N	1456-21512	60	GGG
15909W 6246N	1470-21285	10	PP G	16129W 6930N	1459-22065	80	GGGG	16337W 6652N	1458-22020	100	G
15915W 6653N	1455-21445	10	GGGG	16139W 6430N	1453-21350	0	GGGG	16339W 6532N	1457-21564	30	P
15915W 6413N	1453-21341	10	GGGG	16143W 6424N	1471-21345	100	PPPP	16342W 6405N	1474-21512	100	PP P
15919W 6408N	1471-21340	90	PPPP	16145W 5721N	1451-21245	80	GPFG	16343W 5844N	1453-21355	30	GGGG
15920W 6532N	1454-21393	50	GGGG	16148W 6425N	1438-21354	70	GG P	16344W 5839N	1471-21354	100	PPPG
15924W 7047N	1459-22063	10	GGGG	16150W 5715N	1469-21244	70	GGGG	16351W 5839N	1435-21363	60	GPFG
15925W 6409N	1435-21345	80	PP	16157W 6412N	1458-22013	50	G	16403W 5555N	1452-21310	70	GGGG
15926W 5843N	1450-21185	100	PPPP	16157W 6249N	1454-21402	50	GGGG	16407W 5553N	1470-21305	70	PP G
15927W 6532N	1436-21400	90	PP	16200W 5432N	1450-21200	100	PPPP	16409W 6005N	1454-21411	70	GGGG
15931W 5838N	1468-21183	90	GPFG	16201W 6243N	1472-21401	70	GPFG	16413W 5959N	1472-21410	90	GGGG
15946W 5558N	1449-21135	20	GPFG	16202W 6249N	1436-21405	90	PP	16414W 6005N	1436-21414	100	PP
15947W 5551N	1467-21134	100	GPFG	16204W 5428N	1468-21195	90	G PG	16421W 6934N	1443-22185	80	GGGG
15951W 6007N	1451-21240	90	GPFG	16208W 6412N	1455-21454	10	GGGG	16427W 6929N	1461-22182	40	GGGG
15954W 5306N	1466-21084	100	G P	16209W 6432N	1457-21561	10	G	16431W 6128N	1455-21463	20	GPFG
15957W 6002N	1469-21235	30	GPFG	16211W 6534N	1456-21510	40	GGG	16438W 5720N	1453-21362	20	GGGG

KEYS: CLOUD COVER % **..... 0 TO 100 % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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15:54 DEC 06/73

COORDINATE LISTING
STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0069

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC	QUALITY RBV MSS
LONG LAT		X	12345678	LONG LAT		X	12345678	LONG LAT		X	12345678
16439W 6121N	1473-21462	100	P G	16654W 5555N	1454-21423	90	GGGG	16927W 5841N	1457-21584	80	PG
16441W 5716N	1471-21361	70	PPPG	16657W 5549N	1472-21422	100	GGPG	16929W 6531N	1461-22193	60	GGGG
16446W 5716N	1435-21365	40	GPPP	16700W 6007N	1456-21524	60	GGG	16947W 5557N	1456-21535	70	GGG
16447W 6251N	1454-21515	50	GGG	16701W 5555N	1434-21430	90	GP P	16953W 5549N	1474-21535	100	PPPP
16451W 6809N	1460-22130	90	GPGG	16703W 5308N	1453-21373	80	GGGG	16953W 5307N	1455-21490	80	PGG
16451W 5431N	1452-21313	70	GGGG	16706W 5304N	1471-21372	100	PPPP	16955W 6005N	1458-22040	70	PPG
16454W 5429N	1470-21312	90	PP G	16709W 5958N	1474-21523	100	PPPP	17001W 5301N	1473-21485	90	PGPG
16458W 6243N	1474-21514	100	PPPP	16710W 5304N	1435-21381	50	PP	17015W 6127N	1459-22092	90	GGGG
16459W 6652N	1459-22074	80	PGGG	16725W 6127N	1457-21575	60	PG	17022W 5718N	1457-21591	50	PGG
16501W 6411N	1457-21570	40	G	16728W 5719N	1455-21474	90	PPG	17022W 6120N	1477-22092	100	G P
16507W 6532N	1458-22022	100	G	16736W 5712N	1473-21474	100	P G	17034W 6244N	1460-22144	90	GGGG
16508W 5842N	1454-21414	100	GGGG	16740W 6809N	1462-22243	0	GPGG	17034W 5433N	1456-21542	50	GGG
16511W 5836N	1472-21413	70	GGGG	16742W 5431N	1454-21425	90	GGGG	17037W 5143N	1455-21492	80	PGG
16514W 5842N	1436-21421	90	PP	16744W 6250N	1458-22031	100	G	17042W 5426N	1474-21541	100	PPPP
16530W 5556N	1453-21364	20	GGGG	16745W 5425N	1472-21424	100	PPPG	17043W 5137N	1473-21492	100	PPGG
16532W 5552N	1471-21363	90	GPPP	16748W 5431N	1436-21432	90	GP P	17044W 6415N	1443-22203	70	GGGG
16535W 6006N	1455-21465	60	PGG	16752W 6456N	1443-22194	80	GGGG	17051W 6409N	1461-22200	90	G GG
16537W 5552N	1435-21372	70	PP P	16752W 6411N	1459-22083	80	GGGG	17053W 5841N	1458-22043	40	PPG
16537W 5307N	1452-21315	50	GGGG	16758W 6451N	1461-22191	40	GGGG	17113W 5554N	1457-21593	40	PGG
16540W 6305N	1470-21314	90	PP G	16759W 6529N	1460-22135	90	GGGG	17117W 6005N	1459-22095	90	GGGG
16542W 5958N	1473-21465	100	P P	16800W 5843N	1456-21530	40	GGG	17119W 5308N	1456-21544	70	GGG
16549W 6927N	1462-22240	0	GGGG	16806W 6403N	1477-22083	100	GGPP	17127W 5308N	1474-21544	100	PPPP
16556W 6129N	1456-21521	70	GGG	16807W 5835N	1474-21530	100	PPPP	17130W 5958N	1477-22094	100	G P
16603W 5718N	1454-21420	100	GGGG	16819W 5555N	1455-21481	80	GGG	17143W 6124N	1460-22151	90	GGGG
16605W 5713N	1472-21415	90	GGGG	16827W 5549N	1473-21480	100	PPPG	17147W 5718N	1458-22045	50	PPG
16606W 6120N	1474-21521	100	PPPP	16827W 5307N	1454-21432	90	GGGP	17201W 6253N	1443-22205	80	GGGG
16609W 5718N	1436-21423	80	PG	16828W 6004N	1457-21582	80	PG	17201W 5430N	1457-22000	60	PG
16611W 6816N	1443-22191	80	GGGG	16830W 5301N	1472-21431	100	PPPP	17202W 5144N	1456-21551	90	GGG
16616W 6249N	1457-21573	70	G	16833W 5306N	1436-21435	60	GG	17205W 6248N	1461-22202	80	G GG
16618W 6810N	1461-22184	70	GPGG	16852W 6128N	1458-22034	100	G	17210W 5137N	1474-21550	100	GPPP
16618W 5432N	1453-21371	40	GGGG	16855W 5720N	1456-21533	30	GP G	17215W 5842N	1459-22101	90	GGGG
16620W 5428N	1471-21370	100	PPPP	16901W 5712N	1474-21532	100	PPPP	17222W 5835N	1477-22101	100	P P
16625W 5428N	1435-21374	90	PP P	16907W 6249N	1459-22090	80	GGGG	17232W 5554N	1458-22052	60	PGG
16629W 6412N	1458-22025	100	G	16908W 5431N	1455-21483	80	GP G	17244W 6008N	1460-22153	70	GGGG
16630W 6649N	1460-22133	90	GGGG	16915W 5425N	1473-21483	90	PPPG	17244W 5306N	1457-22002	90	PG
16630W 6532N	1459-22081	60	GGGG	16920W 6408N	1460-22142	90	GGGG	17309W 5719N	1459-22104	70	GGGG
16634W 5843N	1455-21472	90	GGG	16920W 6242N	1477-22085	100	GP P	17310W 6131N	1443-22212	90	GGGP
16641W 5835N	1473-21471	100	P P	16923W 6535N	1443-22200	70	GGGG	17313W 6125N	1461-22205	80	G GG

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER. * * * NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=5 AND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DEC 06/73

COORDINATE LISTING
STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 00 70

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
17323W 5712N	1477-22103	100	P P	17455W 5142N	1458-22063	100	G	17630W 5136N	1477-22121	100	P P
17326W 5430N	1458-22054	80	PGG	17501W 5424N	1477-22112	100	P P	17659W 5558N	1443-22230	90	GGGG
17329W 5141N	1457-22005	100	G	17512W 5445N	1443-22221	100	GGPP	17700W 5551N	1461-22223	70	GGGG
17345W 5838N	1460-22160	70	GGGG	17514W 5839N	1461-22214	80	GGGG	17705W 5303N	1460-22174	60	GGGG
17401W 5555N	1459-22110	60	GGGG	17532W 5551N	1460-22165	70	GGGG	17710W 5011N	1477-22124	100	PP P
17412W 5306N	1458-22061	90	G	17536W 5707N	1459-22115	80	GGGG	17747W 5434N	1443-22232	90	GGGG
17413W 6009N	1443-22214	100	GGGP	17546W 5300N	1477-22115	100	P P	17748W 5427N	1461-22225	70	GGGG
17413W 5547N	1477-22110	100	P P	17607W 5722N	1443-22223	90	GGGG	17830W 5311N	1443-22235	90	GGGG
17416W 6002N	1461-22211	70	GGGG	17609W 5715N	1461-22220	80	GGGG	17833W 5303N	1461-22232	70	GPPG
17440W 5715N	1460-22162	70	GGGG	17620W 5427N	1460-22171	60	GGGG	17914W 5147N	1443-22241	80	GGGG
17450W 5431N	1459-22113	80	GGGG	17620W 5142N	1459-22122	70	GGGG				

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER, ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

15154 DEC 04, 1973

COORDINATE LISTING
STANDARD CATALOG FOR HAWAII
FROM 11/01/73 TO 11/30/73

PAGE 0077

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC	QUALITY X RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC	QUALITY X RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC	QUALITY X RBV MSS
LONG LAT			12345678	LONG LAT			12345678	LONG LAT			12345678
15749W 2141N	1457-20262	10	PPGG	15811W 2014N	1457-20264	10	GGGG				

KEYS: CLOUD COVER X 0 TO 100 * * CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY .6..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

72

This is a supplement to Catalog No. U-15.
Please add this material to your existing
catalog.

17:54 MAY 09, 1974

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0001

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO. IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS 123 45678
1475-16551	00000/0000	10017/0019	11/10/73	80	6623	3728N 10146W	30.9	153.2		PP G
1475-16553	00000/0000	10017/0020	11/10/73	50	6623	3559N 10213W	32.1	152.5		PG P
1475-16560	00000/0000	10017/0021	11/10/73	80	6623	3432N 10239W	33.2	151.7		PP R
1475-16562	00000/0000	10017/0022	11/10/73	100	6623	3308N 10306W	34.3	150.9		PG P
1475-16565	00000/0000	10017/0023	11/10/73	100	6623	3143N 10332W	35.4	150.1		PG P
1475-16571	00000/0000	10017/0024	11/10/73	90	6623	3017N 10357W	36.5	149.2		PP P
1475-16574	00000/0000	10017/0017	11/10/73	20	6623	2850N 10421W	37.6	148.3		P P
1475-16580	00000/0000	10017/0018	11/10/73	0	6623	2724N 10444W	38.7	147.4		P P
1475-18350	00000/0000	10017/0011	11/10/73	40	6624	4847N 12315W	21.5	139.0		GGPG
1475-18353	00000/0000	10017/0012	11/10/73	30	6624	4722N 12352W	22.7	138.3		GGGG
1475-18355	00000/0000	10017/0025	11/10/73	100	6624	4557N 12427W	23.9	137.6		P PP
1475-18362	00000/0000	10017/0026	11/10/73	100	6624	4432N 12501W	25.1	136.9		P P
1475-18364	00000/0000	10017/0027	11/10/73	100	6624	4307N 12533W	26.3	136.2		P
1475-18371	00000/0000	10017/0028	11/10/73	100	6624	4141N 12605W	27.4	135.5		P
1476-15144	00000/0000	10017/0029	11/11/73	100	6636	4722N 07341W	22.5	158.3		GGGG
1476-15151	00000/0000	10017/0030	11/11/73	90	6636	4557N 07416W	23.7	157.6		GGGG
1476-15153	00000/0000	10017/0031	11/11/73	100	6636	4432N 07450W	24.9	156.9		GGGG
1476-15160	00000/0000	10017/0032	11/11/73	100	6636	4307N 07523W	26.0	156.2		GGGG
1476-15162	00000/0000	10017/0033	11/11/73	100	6636	4141N 07554W	27.2	155.5		GGGG
1476-15165	00000/0000	10017/0034	11/11/73	70	6636	4016N 07624W	28.4	154.8		GGGG
1476-15171	00000/0000	10017/0035	11/11/73	10	6636	3850N 07653W	29.5	154.1		GGGG
1476-15174	00000/0000	10017/0036	11/11/73	0	6636	3725N 07722W	30.7	153.3		GGGG
1476-15180	00000/0000	10017/0037	11/11/73	0	6636	3559N 07749W	31.8	152.6		GGGG
1476-15183	00000/0000	10017/0038	11/11/73	0	6636	3433N 07817W	33.0	151.8		GGGG
1476-15185	00000/0000	10017/0039	11/11/73	50	6636	3307N 07843W	34.1	151.0		GGGG
1476-15192	00000/0000	10017/0040	11/11/73	100	6636	3141N 07908W	35.2	150.2		GGGG
1476-15194	00000/0000	10017/0041	11/11/73	90	6636	3015N 07933W	36.3	149.3		GGGG
1476-15201	00000/0000	10017/0042	11/11/73	80	6636	2850N 07958W	37.4	148.4		GGGG
1476-15203	00000/0000	10017/0043	11/11/73	60	6636	2724N 08022W	38.5	147.5		GGGG
1476-15210	00000/0000	10017/0044	11/11/73	60	6636	2558N 08045W	39.5	146.6		GGGG
1476-15212	00000/0000	10017/0045	11/11/73	80	6636	2432N 08108W	40.6	145.6		GGGG
1476-16573	00000/0000	10017/0057	11/11/73	20	6637	4847N 09852W	21.3	159.1		GPP
1476-16580	00000/0000	10017/0046	11/11/73	10	6637	4722N 09929W	22.5	158.4		G PG
1476-16582	00000/0000	10017/0047	11/11/73	30	6637	4556N 10005W	23.7	157.6		P G
1476-16585	00000/0000	10017/0058	11/11/73	30	6637	4431N 10039W	24.8	156.9		P
1476-16591	00000/0000	10017/0059	11/11/73	40	6637	4306N 10112W	26.0	156.2		P
1476-17000	00000/0000	10017/0048	11/11/73	30	6637	4016N 10214W	28.4	154.8		G G
1476-17003	00000/0000	10017/0049	11/11/73	0	6637	3850N 10243W	29.5	154.1		G G
1476-17005	00000/0000	10017/0050	11/11/73	10	6637	3725N 10312W	30.7	153.3		P G

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED R=RECYCLED G=GOOD F=FAIR BUT USABLE P=POOR.

17:54 MAY 09, '74

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0002

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1476-17012	00000/0000	10017/0051	11/11/73	10	6637	3559N 10340W	31.8	152.6		G G
1476-17014	00000/0000	10017/0052	11/11/73	10	6637	3434N 10407W	32.9	151.8		G G
1476-17021	00000/0000	10017/0053	11/11/73	20	6637	3308N 10433W	34.1	151.0		G G
1476-17023	00000/0000	10017/0054	11/11/73	20	6637	3142N 10459W	35.2	150.2		G G
1476-17030	00000/0000	10017/0055	11/11/73	0	6637	3016N 10524W	36.3	149.3		G G
1476-17032	00000/0000	10017/0056	11/11/73	0	6637	2850N 10548W	37.4	148.5		P G
1477-15200	00000/0000	10017/0080	11/12/73	100	6650	4845N 07430W	21.0	159.1		PPPG
1477-15203	00000/0000	10017/0081	11/12/73	100	6650	4721N 07507W	22.2	158.4		GPPG
1477-15205	00000/0000	10017/0082	11/12/73	100	6650	4556N 07543W	23.4	157.7		PPPP
1477-15212	00000/0000	10017/0083	11/12/73	100	6650	4431N 07617W	24.6	157.0		PPPG
1477-15214	00000/0000	10017/0084	11/12/73	90	6650	4306N 07650W	25.8	156.3		PPPG
1477-15221	00000/0000	10017/0085	11/12/73	50	6650	4141N 07721W	27.0	155.6		P GPG
1477-15223	00000/0000	10017/0086	11/12/73	40	6650	4015N 07752W	28.1	154.9		PPPG
1477-15230	00000/0000	10017/0087	11/12/73	20	6650	3850N 07821W	29.3	154.1		PPPG
1477-15232	00000/0000	10017/0088	11/12/73	20	6650	3724N 07850W	30.4	153.4		GPPG
1477-15235	00000/0000	10017/0089	11/12/73	0	6650	3559N 07918W	31.6	152.6		PPPG
1477-15241	00000/0000	10017/0090	11/12/73	0	6650	3433N 07945W	32.7	151.9		P GPG
1477-15244	00000/0000	10017/0091	11/12/73	0	6650	3307N 08011W	33.8	151.1		P GPG
1477-15250	00000/0000	10017/0092	11/12/73	0	6650	3141N 08036W	34.9	150.3		G GPG
1477-15253	00000/0000	10017/0093	11/12/73	50	6650	3015N 08102W	36.1	149.4		PGGG
1477-15255	00000/0000	10017/0094	11/12/73	50	6650	2850N 08126W	37.1	148.6		G GPG
1477-15262	00000/0000	10017/0095	11/12/73	20	6650	2724N 08150W	38.2	147.7		G GPG
1477-17032	00000/0000	10017/0075	11/12/73	100	6651	4846N 10020W	21.0	159.1		GP G
1477-17034	00000/0000	10017/0076	11/12/73	80	6651	4722N 10057W	22.2	158.4		GP G
1477-17041	00000/0000	10017/0077	11/12/73	0	6651	4557N 10132W	23.4	157.7		G GGG
1477-17043	00000/0000	10017/0078	11/12/73	0	6651	4431N 10206W	24.6	157.0		GPPG
1477-17050	00000/0000	10017/0065	11/12/73	80	6651	4306N 10239W	25.8	156.3		G P
1477-17052	00000/0000	10017/0066	11/12/73	90	6651	4140N 10311W	26.9	155.6		G
1477-17055	00000/0000	10017/0067	11/12/73	100	6651	4015N 10342W	28.1	154.9		G
1477-17061	00000/0000	10017/0068	11/12/73	100	6651	3849N 10411W	29.3	154.1		G
1477-17064	00000/0000	10017/0069	11/12/73	90	6651	3724N 10440W	30.4	153.4		P
1477-17070	00000/0000	10017/0070	11/12/73	90	6651	3558N 10508W	31.5	152.6		P G
1477-17073	00000/0000	10017/0071	11/12/73	80	6651	3432N 10534W	32.7	151.9		G P
1477-17075	00000/0000	10017/0072	11/12/73	0	6651	3306N 10600W	33.8	151.1		G G
1477-17082	00000/0000	10017/0073	11/12/73	0	6651	3140N 10625W	34.9	150.3		G P
1477-17084	00000/0000	10017/0074	11/12/73	0	6651	3015N 10650W	36.0	149.4		G P
1477-18463	00000/0000	10017/0079	11/12/73	90	6652	4846N 12609W	21.0	159.1		P
1478-15283	00000/0000	10017/0111	11/13/73	70	6678	3910N 07941W	28.7	154.4		G GGG
1478-15290	00000/0000	10017/0112	11/13/73	40	6678	3745N 08010W	29.9	153.6		G GPP

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

17:54 MAY 09 1974

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0003

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	
								123	45678	
1478-15292	00000/0000	10017/0113	11/13/73	10	6678	3619N	08037W	31.0	152.9	GGGG
1478-15295	00000/0000	10017/0114	11/13/73	0	6678	3453N	08104W	32.2	152.1	PGPP
1478-15301	00000/0000	10017/0115	11/13/73	0	6678	3327N	08130W	33.3	151.4	GGPG
1478-15304	00000/0000	10017/0116	11/13/73	10	6678	3201N	08155W	34.4	150.6	GGGG
1478-15310	00000/0000	10017/0117	11/13/73	10	6678	3035N	08220W	35.5	149.7	GGGG
1478-15313	00000/0000	10017/0118	11/13/73	0	6678	2908N	08244W	36.6	148.9	GGPG
1478-15315	00000/0000	10017/0119	11/13/73	0	6678	2743N	08309W	37.7	148.0	GGGG
1478-15322	00000/0000	10017/0120	11/13/73	50	6678	2618N	08332W	38.8	147.1	GGG
1478-17084	00000/0000	10017/0096	11/13/73	100	6665	5009N	10110W	19.6	159.8	GGG
1478-17090	00000/0000	10017/0097	11/13/73	50	6665	4845N	10148W	20.8	159.1	PGPP
1478-17093	00000/0000	10017/0098	11/13/73	0	6665	4721N	10224W	21.9	158.4	GGPG
1478-17095	00000/0000	10017/0099	11/13/73	10	6665	4557N	10259W	23.1	157.7	GGPG
1478-17102	00000/0000	10017/0100	11/13/73	10	6665	4431N	10333W	24.3	157.0	PPPP
1478-17104	00000/0000	10017/0101	11/13/73	10	6665	4306N	10406W	25.5	156.3	PGPP
1478-17111	00000/0000	10017/0102	11/13/73	0	6665	4140N	10438W	26.7	155.6	GGPP
1478-17113	00000/0000	10017/0103	11/13/73	0	6665	4014N	10508W	27.8	154.9	PGPP
1478-17120	00000/0000	10017/0104	11/13/73	0	6665	3848N	10536W	29.0	154.2	GGPP
1478-17122	00000/0000	10017/0105	11/13/73	0	6665	3722N	10604W	30.2	153.5	GGPP
1478-17125	00000/0000	10017/0106	11/13/73	10	6665	3557N	10632W	31.3	152.7	PPPG
1478-17131	00000/0000	10017/0107	11/13/73	40	6665	3431N	10700W	32.4	152.0	GGGG
1478-17134	00000/0000	10017/0108	11/13/73	20	6665	3305N	10727W	33.6	151.2	GGGG
1478-17140	00000/0000	10017/0109	11/13/73	0	6665	3139N	10752W	34.7	150.4	PPPG
1478-17143	00000/0000	10017/0110	11/13/73	0	6665	3014N	10817W	35.8	149.5	GGGG
1479-15324	00000/0000	10017/0151	11/14/73	60	6678	4429N	07910W	24.1	157.1	GGGG
1479-15331	00000/0000	10017/0152	11/14/73	30	6678	4304N	07943W	25.3	156.4	GGGP
1479-15333	00000/0000	10017/0153	11/14/73	20	6678	4139N	08014W	26.4	155.7	GGGG
1479-15340	00000/0000	10017/0154	11/14/73	80	6678	4014N	08044W	27.6	155.0	GGGG
1479-15342	00000/0000	10017/0155	11/14/73	100	6678	3848N	08114W	28.8	154.2	GGGG
1479-15345	00000/0000	10017/0156	11/14/73	80	6678	3723N	08143W	29.9	153.5	GGGG
1479-15351	00000/0000	10017/0157	11/14/73	40	6678	3557N	08211W	31.1	152.8	GGGG
1479-15354	00000/0000	10017/0158	11/14/73	10	6678	3431N	08238W	32.2	152.0	GGGG
1479-15360	00000/0000	10017/0159	11/14/73	10	6678	3305N	08303W	33.3	151.2	GGGP
1479-15363	00000/0000	10017/0160	11/14/73	10	6678	3139N	08328W	34.5	150.5	GGPG
1479-15365	00000/0000	10017/0161	11/14/73	30	6678	3014N	08353W	35.6	149.6	GPP
1479-15372	00000/0000	10017/0162	11/14/73	20	6678	2849N	08418W	36.7	148.8	PPPP
1479-15374	00000/0000	10017/0163	11/14/73	20	6678	2722N	08442W	37.7	147.9	PPGG
1479-15381	00000/0000	10017/0164	11/14/73	20	6678	2556N	08505W	38.8	147.0	GGPG
1479-17142	00000/0000	10017/0176	11/14/73	90	6679	5009N	10234W	19.3	159.8	GGG
1479-17144	00000/0000	10017/0177	11/14/73	90	6679	4845N	10313W	20.5	159.1	GGPG

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

17:54 MAY 09, 1974

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0004

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1479-17151	00000/0000	10017/0175	11/14/73	100	6679	4720N 10350W	21.7	158.4		P P
1479-17153	00000/0000	10017/0178	11/14/73	90	6679	4555N 10425W	22.9	157.8		GPP
1479-17160	00000/0000	10017/0179	11/14/73	50	6679	4429N 10458W	24.1	157.1		GPPG
1479-17162	00000/0000	10017/0180	11/14/73	60	6679	4304N 10530W	25.2	156.4		PPPP
1479-17165	00000/0000	10017/0181	11/14/73	80	6679	4139N 10601W	26.4	155.7		GPPG
1479-17171	00000/0000	10017/0182	11/14/73	90	6679	4014N 10631W	27.6	155.0		GPPP
1479-17174	00000/0000	10017/0183	11/14/73	80	6679	3849N 10701W	28.8	154.3		GPPG
1479-17180	00000/0000	10017/0184	11/14/73	0	6679	3723N 10729W	29.9	153.5		GPPG
1479-17183	00000/0000	10017/0185	11/14/73	0	6679	3557N 10757W	31.1	152.8		GPPG
1479-17185	00000/0000	10017/0186	11/14/73	0	6679	3431N 10824W	32.2	152.0		GPPG
1479-17192	00000/0000	10017/0187	11/14/73	10	6679	3306N 10850W	33.3	151.3		PPPG
1479-17194	00000/0000	10017/0188	11/14/73	20	6679	3140N 10916W	34.4	150.5		GPPP
1480-17200	00000/0000	10017/0125	11/15/73	90	6693	5008N 10402W	19.1	159.9		PGPG
1480-17203	00000/0000	10017/0126	11/15/73	70	6693	4843N 10440W	20.3	159.2		PGPG
1480-17205	00000/0000	10017/0127	11/15/73	50	6693	4718N 10517W	21.4	158.5		GGGG
1480-17212	00000/0000	10017/0128	11/15/73	40	6693	4554N 10552W	22.6	157.8		GGGG
1480-17214	00000/0000	10017/0124	11/15/73	90	6693	4429N 10626W	23.8	157.1		G GP
1480-17221	00000/0000	10017/0129	11/15/73	90	6693	4303N 10658W	25.0	156.4		GGGP
1480-17223	00000/0000	10017/0130	11/15/73	60	6693	4138N 10729W	26.2	155.7		GGGG
1480-17230	00000/0000	10017/0131	11/15/73	60	6693	4013N 10759W	27.3	155.0		GGGG
1480-17232	00000/0000	10017/0132	11/15/73	70	6693	3848N 10828W	28.5	154.3		GPPG
1480-17235	00000/0000	10017/0133	11/15/73	30	6693	3722N 10856W	29.7	153.6		PGGP
1480-17241	00000/0000	10017/0134	11/15/73	0	6693	3557N 10924W	30.8	152.9		GGGG
1480-17244	00000/0000	10017/0135	11/15/73	0	6693	3431N 10951W	31.9	152.1		GGGG
1480-17250	00000/0000	10017/0136	11/15/73	0	6693	3305N 11018W	33.1	151.3		GGGG
1480-17253	00000/0000	10017/0137	11/15/73	0	6693	3139N 11043W	34.2	150.5		GGGG
1484-17430	00000/0000	10017/0200	11/19/73	60	6749	5005N 10947W	18.1	159.9		PGGG
1484-17432	00000/0000	10017/0201	11/19/73	70	6749	4840N 11025W	19.3	159.2		GPPG
1485-17484	00000/0000	10017/0202	11/20/73	100	6763	5008N 11111W	17.8	159.9		GPPP
1485-17491	00000/0000	10017/0203	11/20/73	100	6763	4843N 11150W	19.0	159.2		GPPP
1485-17493	00000/0000	10017/0204	11/20/73	100	6763	4717N 11228W	20.2	158.5		PPPP
1485-17500	00000/0000	10017/0205	11/20/73	100	6763	4552N 11303W	21.4	157.9		PPPP
1485-17502	00000/0000	10017/0206	11/20/73	100	6763	4427N 11337W	22.6	157.2		PPPP
1485-17505	00000/0000	10017/0207	11/20/73	100	6763	4302N 11410W	23.8	156.5		PPPP
1485-17511	00000/0000	10017/0208	11/20/73	100	6763	4138N 11441W	25.0	155.9		GPPP
1485-17514	00000/0000	10017/0209	11/20/73	100	6763	4012N 11510W	26.1	155.2		PGPP
1485-17520	00000/0000	10017/0210	11/20/73	80	6763	3846N 11540W	27.3	154.5		GGGP
1485-17523	00000/0000	10017/0211	11/20/73	80	6763	3721N 11609W	28.5	153.8		GPPP
1485-17525	00000/0000	10017/0212	11/20/73	80	6763	3555N 11637W	29.6	153.1		PPPP

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

17:54 MAY 09, '74

STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0005

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	
									123	45678	
1485-17532	00000/0000	10017/0213	11/20/73	60	6763	3430N	11703W	30.7	152.4		PGPP
1485-17534	00000/0000	10017/0214	11/20/73	30	6763	3304N	11729W	31.9	151.6		GGRG
1485-17541	00000/0000	10017/0215	11/20/73	40	6763	3138N	11754W	33.0	150.2		GGRG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS, BAND NOT PRESENT/REQUESTED, R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

17:54 MAY 09, '74

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0006

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS 45678	
1475-20141	00000/0000	10017/0013	11/10/73	40	6625	6243N	14032W	9.4	167.5	GGGG
1475-20144	00000/0000	10017/0014	11/10/73	90	6625	6121N	14141W	10.6	166.4	GGGP
1475-20150	00000/0000	10017/0015	11/10/73	90	6625	5958N	14244W	11.8	165.5	GGGP
1475-20153	00000/0000	10017/0016	11/10/73	90	6625	5836N	14343W	13.0	164.5	GGGP
1475-21570	00000/0000	10017/0001	11/10/73	80	6626	6403N	16510W	8.1	168.6	GGPG
1475-21573	00000/0000	10017/0002	11/10/73	80	6626	6242N	16623W	9.4	167.5	GGPG
1475-21575	00000/0000	10017/0003	11/10/73	80	6626	6120N	16731W	10.6	166.4	GGPG
1475-21582	00000/0000	10017/0004	11/10/73	80	6626	5957N	16834W	11.8	165.5	GGPG
1475-21584	00000/0000	10017/0005	11/10/73	80	6626	5834N	16933W	13.0	164.5	GGPG
1475-21591	00000/0000	10017/0006	11/10/73	90	6626	5711N	17027W	14.2	163.7	GGPG
1475-21593	00000/0000	10017/0007	11/10/73	90	6626	5548N	17119W	15.5	162.8	GGPG
1475-22000	00000/0000	10017/0008	11/10/73	90	6626	5424N	17207W	16.7	162.0	GGPG
1475-22002	00000/0000	10017/0009	11/10/73	90	6626	5300N	17252W	17.9	161.3	GGPG
1475-22005	00000/0000	10017/0010	11/10/73	90	6626	5136N	17335W	19.1	160.5	GGPG
1476-20193	00000/0000	10017/0060	11/11/73	80	6639	6404N	14048W	7.9	168.6	GGG
1476-20195	00000/0000	10017/0061	11/11/73	90	6639	6243N	14201W	9.1	167.5	GGGG
1476-20202	00000/0000	10017/0062	11/11/73	100	6639	6121N	14309W	10.3	166.4	GGGG
1476-20204	00000/0000	10017/0063	11/11/73	90	6639	5958N	14411W	11.6	165.5	GGGG
1476-20211	00000/0000	10017/0064	11/11/73	70	6639	5836N	14509W	12.8	164.5	GGGG
1476-22025	00000/0000	10017/0165	11/11/73	90	6640	6405N	16635W	7.9	168.6	GGGG
1476-22031	00000/0000	10017/0166	11/11/73	100	6640	6243N	16749W	9.1	167.5	GGPG
1476-22034	00000/0000	10017/0167	11/11/73	90	6640	6120N	16857W	10.3	166.4	PG P
1476-22040	00000/0000	10017/0168	11/11/73	100	6640	5957N	17000W	11.5	165.4	PPPP
1476-22043	00000/0000	10017/0169	11/11/73	60	6640	5834N	17059W	12.8	164.5	GGPG
1476-22045	00000/0000	10017/0170	11/11/73	70	6640	5711N	17154W	14.0	163.7	GGPG
1476-22052	00000/0000	10017/0171	11/11/73	20	6640	5548N	17245W	15.2	162.8	GGPG
1476-22054	00000/0000	10017/0172	11/11/73	20	6640	5425N	17333W	16.4	162.0	GGPG
1476-22061	00000/0000	10017/0173	11/11/73	60	6640	5300N	17418W	17.6	161.3	GGPG
1476-22063	00000/0000	10017/0174	11/11/73	80	6640	5136N	17501W	18.8	160.5	GGPG
1478-20315	00000/0000	10017/0141	11/13/73	0	6667	6119N	14603W	9.8	166.4	GGPG
1478-20321	00000/0000	10017/0142	11/13/73	0	6667	5956N	14705W	11.0	165.4	PPPG
1478-20324	00000/0000	10017/0143	11/13/73	20	6667	5833N	14803W	12.3	164.5	PGPG
1478-20330	00000/0000	10017/0144	11/13/73	20	6667	5710N	14858W	13.5	163.7	G
1478-22173	00000/0000	10017/0138	11/13/73	90	6668	5300N	17714W	17.1	161.3	GGP
1478-22180	00000/0000	10017/0139	11/13/73	100	6668	5135N	17757W	18.3	160.6	GGPG
1478-22182	00000/0000	10017/0140	11/13/73	100	6668	5011N	17837W	19.5	159.8	GP G
1479-20373	00000/0000	10017/0145	11/14/73	0	6681	6118N	14731W	9.6	166.4	PPPG
1479-20380	00000/0000	10017/0146	11/14/73	20	6681	5956N	14834W	10.8	165.4	PPPG
1479-20382	00000/0000	10017/0147	11/14/73	40	6681	5833N	14933W	12.0	164.5	GGPG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

17:54 MAY 09, '74

STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0007

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS 123 45678
1479-20385	00000/0000	10017/0148	11/14/73	80	6681	5710N	15027W	13.2	163.7	GGPG
1479-20391	00000/0000	10017/0149	11/14/73	90	6681	5546N	15117W	14.4	162.8	GGPG
1479-22241	00000/0000	10017/0150	11/14/73	100	6682	5006N	17957W	19.3	159.9	P G
1480-20434	00000/0000	10017/0121	11/15/73	80	6695	5955N	15000W	10.5	165.4	PPPG
1480-20441	00000/0000	10017/0122	11/15/73	90	6695	5832N	15058W	11.8	164.5	PPP
1480-20443	00000/0000	10017/0123	11/15/73	80	6695	5709N	15152W	13.0	163.6	PPP
1482-20544	00000/0000	10017/0189	11/17/73	30	6723	6114N	15151W	8.8	166.3	P GG
1482-20551	00000/0000	10017/0190	11/17/73	90	6723	5952N	15254W	10.1	165.3	P PP
1482-20553	00000/0000	10017/0192	11/17/73	100	6723	5829N	15352W	11.3	164.5	PG
1482-20560	00000/0000	10017/0191	11/17/73	100	6723	5706N	15446W	12.5	163.6	P PG
1482-20562	00000/0000	10017/0193	11/17/73	100	6723	5543N	15537W	13.7	162.8	PG
1483-21003	00000/0000	10017/0194	11/18/73	90	6737	6114N	15319W	8.6	166.3	GGGG
1483-21005	00000/0000	10017/0195	11/18/73	90	6737	5952N	15422W	9.8	165.3	GGGG
1483-21012	00000/0000	10017/0196	11/18/73	50	6737	5829N	15520W	11.0	164.4	GGGG
1483-21014	00000/0000	10017/0197	11/18/73	50	6737	5705N	15613W	12.3	163.6	PGGG
1483-21021	00000/0000	10017/0198	11/18/73	60	6737	5542N	15704W	13.5	162.8	PGGG
1483-22464	00000/0000	10017/0199	11/18/73	100	6738	5130N	17452E	17.1	160.6	PPP

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

17:54 MAY 09, '74

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FRBM 11/01/73 TO 11/30/73

PAGE 000 8

PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS
LONG	LAT						LONG	LAT						LONG	LAT					
						12345678							12345678							12345678
07341W	4722N	1476-15144	100	GGGG		08108W	2432N	1476-15212	80	GGGG		10259W	4557N	1478-17095	10	GGPG				
07416W	4557N	1476-15151	90	GGGG		08114W	3848N	1479-15342	100	PGGG		10306W	3308N	1475-16562	100	PG P				
07430W	4845N	1477-15200	100	PPPG		08126W	2850N	1477-15255	50	GGPG		10311W	4140N	1477-17052	90	G				
07450W	4432N	1476-15153	100	GGGG		08130W	3327N	1478-15301	0	GGPG		10312W	3725N	1476-17005	10	P G				
07507W	4721N	1477-15203	100	GPPG		08143W	3723N	1479-15345	80	GGGG		10313W	4845N	1479-17144	90	GPPG				
07523W	4307N	1476-15160	100	GGGG		08150W	2724N	1477-15262	20	GGPG		10332W	3143N	1475-16565	100	PG P				
07543W	4556N	1477-15205	100	PPPP		08155W	3201N	1478-15304	10	GGGP		10333W	4431N	1478-17102	10	PPPP				
07554W	4141N	1476-15162	100	GGGG		08211W	3557N	1479-15351	40	GGGG		10340W	3559N	1476-17012	10	G G				
07617W	4431N	1477-15212	100	PPPG		08220W	3035N	1478-15310	10	GGGG		10342W	4015N	1477-17055	100	G				
07624W	4016N	1476-15165	70	GGGG		08238W	3431N	1479-15354	10	PGGG		10350W	4720N	1479-17151	100	P P				
07650W	4306N	1477-15214	90	PPPG		08244W	2908N	1478-15313	0	GGPG		10357W	3017N	1475-16571	90	PP P				
07653W	3850N	1476-15171	10	GGGG		08303W	3305N	1479-15360	10	PGGP		10402W	5008N	1480-17200	90	PGPG				
07721W	4141N	1477-15221	50	PGPG		08309W	2743N	1478-15315	0	PGGG		10406W	4306N	1478-17104	10	GGPP				
07722W	3725N	1476-15174	0	GGGG		08328W	3139N	1479-15363	10	GGPG		10407W	3434N	1476-17014	10	G G				
07749W	3559N	1476-15180	0	GGGG		08332W	2618N	1478-15322	50	GGG		10411W	3849N	1477-17061	100	G				
07752W	4015N	1477-15223	40	PPPG		08353W	3014N	1479-15365	30	GPP		10421W	2850N	1475-16574	20	P P				
07817W	3433N	1476-15183	0	GGGG		08418W	2849N	1479-15372	20	PPPP		10425W	4555N	1479-17153	90	GPP				
07821W	3850N	1477-15230	20	PPPG		08442W	2722N	1479-15374	20	PPGG		10433W	3308N	1476-17021	20	G G				
07843W	3307N	1476-15185	50	GGGG		08505W	2556N	1479-15381	20	GPPG		10438W	4140N	1478-17111	0	GGPP				
07850W	3724N	1477-15232	20	PGGG		09852W	4847N	1476-16573	20	GPP		10440W	4843N	1480-17203	70	PGPG				
07908W	3141N	1476-15192	100	GGGG		09929W	4722N	1476-16580	10	G PG		10440W	3724N	1477-17064	90	P				
07910W	4429N	1479-15324	60	GGGG		10005W	4556N	1476-16582	30	P G		10444W	2724N	1475-16580	0	P P				
07918W	3559N	1477-15235	0	PPPG		10020W	4846N	1477-17032	100	GP G		10488W	4429N	1479-17160	50	GPPG				
07933W	3015N	1476-15194	90	GGGG		10039W	4431N	1476-16585	30	P		10489W	3142N	1476-17023	20	G G				
07941W	3910N	1478-15283	70	GGGG		10057W	4722N	1477-17034	80	GP G		10508W	4014N	1478-17113	0	PGPP				
07943W	4304N	1479-15331	30	GGGP		10110W	5009N	1478-17084	100	GGG		10508W	3558N	1477-17070	90	P G				
07945W	3433N	1477-15241	0	PGPG		10112W	4306N	1476-16591	40	P		10517W	4718N	1480-17205	50	GGGG				
07958W	2850N	1476-15201	80	GGGG		10132W	4557N	1477-17041	0	GGGG		10524W	3016N	1476-17030	0	G G				
08010W	3745N	1478-15290	40	GGPP		10146W	3728N	1475-16551	80	PP G		10530W	4304N	1479-17162	60	PPPP				
08011W	3307N	1477-15244	0	PGPG		10148W	4845N	1478-17090	50	PGPP		10534W	3432N	1477-17073	80	G P				
08014W	4139N	1479-15333	20	PGGG		10206W	4431N	1477-17043	0	GPPG		10536W	3848N	1478-17120	0	GPPP				
08022W	2724N	1476-15203	60	GGGG		10213W	3559N	1475-16553	50	PG P		10548W	2850N	1476-17032	0	P G				
08036W	3141N	1477-15250	0	GGPG		10214W	4016N	1476-17000	30	G G		10552W	4554N	1480-17212	40	GGGG				
08037W	3619N	1478-15292	10	GGGG		10224W	4721N	1478-17093	0	GGPG		10600W	3306N	1477-17075	0	G G				
08044W	4014N	1479-15340	80	GGGG		10234W	5009N	1479-17142	90	GGG		10601W	4139N	1479-17165	80	GPPG				
08045W	2558N	1476-15210	60	GGGG		10239W	4306N	1477-17050	80	G P		10604W	3722N	1478-17122	0	GGPP				
08102W	3015N	1477-15253	50	PGGG		10239W	3432N	1475-16560	80	PP P		10625W	3140N	1477-17082	0	G P				
08104W	3453N	1478-15295	0	PGPP		10243W	3850N	1476-17003	0	G G		10626W	4429N	1480-17214	90	G GP				

KEYS: CLBD COVER % 0 TO 100 * % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED; R=RECYCLED; G=GOOD; F=FAIR BUT USABLE; P=POOR.

17:54 MAY 09, 1974

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 11/01/73 TO 11/30/73

PAGE 0009

PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS
10631W	4014N	1479-17171	90	GPPP	10850W	3306N	1479-17192	10	PPRG	11441W	4138N	1485-17511	100	GPPP			
10632W	3557N	1478-17125	10	PPPG	10856W	3722N	1480-17235	30	PGGP	11510W	4012N	1485-17514	100	PGPP			
10650W	3015N	1477-17084	0	G P	10916W	3140N	1479-17194	20	GPRP	11540W	3846N	1485-17520	80	GGGP			
10658W	4303N	1480-17221	90	GGGP	10924W	3557N	1480-17241	0	GGGG	11609W	3721N	1485-17523	80	GGPP			
10700W	3431N	1478-17131	40	GGGP	10947W	5005N	1484-17430	60	PGGG	11637W	3555N	1485-17525	80	PPPP			
10701W	3849N	1479-17174	80	GPPG	10951W	3431N	1480-17244	0	GGGG	11703W	3430N	1485-17532	60	PGPP			
10727W	3305N	1478-17134	20	PGGG	11018W	3305N	1480-17250	0	GGGG	11729W	3304N	1485-17534	30	GGPG			
10729W	4138N	1480-17223	60	GGGG	11025W	4840N	1484-17432	70	GPPG	11754W	3138N	1485-17541	40	GGPG			
10729W	3723N	1479-17180	0	GPGG	11043W	3139N	1480-17253	0	GGGG	12315W	4847N	1475-18350	40	GGPG			
10752W	3139N	1478-17140	0	PPPG	11111W	5008N	1485-17484	100	GGPP	12352W	4722N	1475-18353	30	GGGG			
10757W	3557N	1479-17183	0	GPPG	11150W	4843N	1485-17491	100	GGPP	12427W	4557N	1475-18355	100	P PP			
10759W	4013N	1480-17230	60	GGGG	11228W	4717N	1485-17493	100	PPPP	12501W	4432N	1475-18362	100	P P			
10817W	3014N	1478-17143	0	GPGG	11303W	4552N	1485-17500	100	PPPP	12533W	4307N	1475-18364	100	P P			
10824W	3431N	1479-17185	0	GPRG	11337W	4427N	1485-17502	100	PPPP	12605W	4141N	1475-18371	100	P			
10828W	3848N	1480-17232	70	GPRG	11410W	4302N	1485-17505	100	PPPP	12609W	4846N	1477-18463	90	P			

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. * = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS, BAND NOT PRESENT/REQUESTED, R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

17:54 MAY 09, '74

COORDINATE LISTING
STANDARD CATALOG FOR ALASKA
FROM 11/01/73 TO 11/30/73

PAGE 0010

PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG	LAT						LONG	LAT						LONG	LAT					
17452E	5130N	1483-22464	100	PPP			15058W	5832N	1480-20441	90	PPP			16857W	6120N	1476-22034	90	PG P		
14032W	6243N	1475-20141	40	GGGG			15117W	5546N	1479-20391	90	GGPG			16933W	5834N	1475-21584	80	GGPG		
14048W	6404N	1476-20193	80	GGG			15151W	6114N	1482-20544	30	P GG			17000W	5957N	1476-22040	100	PPPP		
14141W	6121N	1475-20144	90	GGGP			15152W	5709N	1480-20443	80	PPP			17027W	5711N	1475-21591	90	GGPG		
14201W	6243N	1476-20195	90	GGGG			15254W	5952N	1482-20551	90	P PP			17059W	5834N	1476-22043	60	GGPG		
14244W	5958N	1475-20150	90	GGGP			15319W	6114N	1483-21003	90	GGGG			17119W	5548N	1475-21593	90	GGPG		
14309W	6121N	1476-20202	100	GGGG			15352W	5829N	1482-20553	100	PG			17154W	5711N	1476-22045	70	GGPG		
14343W	5836N	1475-20153	90	GGGP			15422W	5952N	1483-21005	90	GGGG			17207W	5424N	1475-22000	90	GGPG		
14411W	5958N	1476-20204	90	GGGG			15446W	5706N	1482-20560	100	P PG			17245W	5548N	1476-22052	20	GGPG		
14509W	5836N	1476-20211	70	GGGG			15520W	5829N	1483-21012	50	GGGG			17252W	5300N	1475-22002	90	GGPG		
14603W	6119N	1478-20315	0	GGPG			15537W	5543N	1482-20562	100	PG			17333W	5425N	1476-22054	20	GGPG		
14705W	5956N	1478-20321	0	PPPG			15613W	5705N	1483-21014	50	P GGG			17335W	5136N	1475-22005	90	GGPG		
14731W	6118N	1479-20373	0	PPPG			15704W	5542N	1483-21021	60	P GGG			17418W	5300N	1476-22061	60	GGPG		
14803W	5833N	1478-20324	20	PGPG			16510W	6403N	1475-21570	80	GPPG			17501W	5136N	1476-22063	80	GGPG		
14834W	5956N	1479-20380	20	PPPG			16623W	6242N	1475-21573	80	GGPG			17714W	5300N	1478-22173	90	GGP		
14858W	5710N	1478-20330	20	G			16635W	6405N	1476-22025	90	GGGG			17757W	5135N	1478-22180	100	GPPG		
14933W	5833N	1479-20382	40	GGPG			16731W	6120N	1475-21575	80	GGPG			17837W	5011N	1478-22182	100	GP G		
15000W	5955N	1480-20434	80	PPPG			16749W	6243N	1476-22031	100	GGPG			17957W	5006N	1479-22241	100	P G		
15027W	5710N	1479-20385	80	GGPG			16834W	5957N	1475-21582	80	GGPG									

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IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.